

**Peptide Array, SARS-CoV S Protein**

**Catalog No. NR-2669**

**Product Description:** A 169-peptide array spanning the S protein of the Urbani strain of SARS-CoV (GenBank: AY278741). Peptides are 15- to 20-mers, with approximately 10 amino acid overlaps. Each vial contains 1 mg of lyophilized peptide.

**Lot: 7362703**

**SARS S Protein**

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9597	SARS S Protein MFIFLLFLTLTSGSDLDR	031846	2089.5		90%	Soluble in DMSO
9598	SARS S Protein TLTSGSDLDRCTTFDDV	031847	1846.0	85.08%		Soluble in basic solution (pH >7.5)
9599	SARS S Protein LDRCTTFDDVQAPNYTQH	031848	2124.3	83.54%		Soluble in basic solution (pH >7.5)
9600	SARS S Protein DVQAPNYTQHTSSMRGVY	031849	2055.2	>85%	71%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9601	SARS S Protein QHTSSMRGVYYPDEIFR	031850	2086.3	94.04%		Soluble in acidic solution (pH <7.5)
9602	SARS S Protein GVYYPDEIFRSDTLYL	031851	1951.2	81.10%		Soluble in basic solution (pH >7.5)
9603	SARS S Protein EIFRSDTLYLTQDLFLPF	031852	2218.5	>80%	90%	Soluble in water
9604	SARS S Protein YLTQDLFLPFYSNVTGFH	031853	2162.5	80.39%		Soluble in water
9605	SARS S Protein PFYSNVTGFHTINHTF	031854	1882.1	85.17%		Soluble in acidic solution (pH <7.5)
9606	SARS S Protein TGFHTINHTFGNPVIFPK	031855	2027.3	89.42%		Soluble in acidic solution (pH <7.5)
9607	SARS S Protein TFGNPVIKFDGIYFAA	031856	1857.2	82.32%		Soluble in water

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Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9608	SARS S Protein PFKDGIFYAATEKSNVVR	031857	2042.3	>80%	82%	Soluble in water
9609	SARS S Protein AATEKSNVVRGWVFGSTM	031858	1940.2	>80%	84%	Soluble in water
9610	SARS S Protein VRGWVFGSTMNNKSQSVI	031859	2010.3	81.58%		Soluble in acidic solution (pH <7.5)
9611	SARS S Protein TMNNKSQSVIIINNSTNV	031860	1977.2		90%	Soluble in DMSO
9612	SARS S Protein VIIINNSTNVVIRACNF	031861	1890.2		89%	Soluble in DMSO
9613	SARS S Protein TNVVIRACNFELCDNPFF	031862	2102.4	51.20%	90%	Soluble in water with 60% acetonitrile
9614	SARS S Protein NFELCDNPFFAVSKPM	031863				Soluble in basic solution (pH >7.5)
9615	SARS S Protein NPFFAVSKPMGTQHTMI	031864	2007.4	89.57%		Soluble in acidic solution (pH <7.5)
9616	SARS S Protein PMGTQHTMIFDNAF	031865	1711.0	81.97%		Soluble in basic solution (pH >7.5)
9617	SARS S Protein THTMIFDNAFNCTFEYI	031866	2067.3		90%	Soluble in water with 20% acetonitrile (pH 8.0)
9618	SARS S Protein NAFNCTFEYISDAFSLDV	031867	2056.2		90%	Soluble in water with 40% acetonitrile (pH 8.0)
9619	SARS S Protein YISDAFSLDVSEKSGNFK	031868	2007.2	72.00%	85%	Soluble in water
9620	SARS S Protein DVSEKSGNFKHLREFVFK	031869	2167.5	98.69%		Soluble in acidic solution (pH <7.5)
9621	SARS S Protein FKHLREFVFKNKDGLYV	031870	2287.7	86.69%		Soluble in acidic solution (pH <7.5)
9622	SARS S Protein FKNKDGFLYVYKGYQPI	031871	2080.4	88.29%		Soluble in acidic solution (pH <7.5)
9623	SARS S Protein LYVYKGYQPIDVVRDL	031872	1941.3	82.11%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9624	SARS S Protein YQPIDVVRDLPSGFNTLK	031873	2062.4	80.16%		Soluble in water
9625	SARS S Protein DLPSGFNTLKPIFKLPL	031874	1900.3	92.87%		Soluble in acidic solution (pH <7.5)
9626	SARS S Protein TLKPIFKLPLGINITNFR	031875	2085.6	88.60%		Soluble in acidic solution (pH <7.5)
9627	SARS S Protein PLGINITNFRAILTAF	031876	1761.1	>80%	89%	Soluble in water
9628	SARS S Protein TNFRAILTAFSPAQDIW	031877	1951.2	89.22%		Soluble in water
9629	SARS S Protein TAFSPAQDIWGTSAAYF	031878	1904.1	60.11%		Soluble in basic solution (pH >7.5)
9630	SARS S Protein IWGTSAAYFVGYLK	031879	1646.9		88%	Soluble in water with 60% acetonitrile
9631	SARS S Protein AAAYFVGYLKPTTFMLKY	031880	2084.5	83.29%		Soluble in acidic solution (pH <7.5)
9632	SARS S Protein LKPTTFMLKYDENGTI	031881	1871.2	92.00%	84%	Soluble in water
9633	SARS S Protein MLKYDENGITIDAVDCSQ	031882	2003.2	66.80%	90%	Soluble in water
9634	SARS S Protein TITDAVDCSQNPLAELK	031883	1818.1	87.14%		Soluble in basic solution (pH >7.5)
9635	SARS S Protein CSQNPLAELKCSVKSF EI	031884	1996.3		85%	Soluble in water with 20% acetonitrile
9636	SARS S Protein LKCSVKSF EIDKGIY	031885	1730.1	81.97%		Soluble in acidic solution (pH <7.5)
9637	SARS S Protein KSFEIDKGIYQTSNFRVV	031886	2131.4	40.48%		Soluble in acidic solution (pH <7.5)
9638	SARS S Protein IYQTSNFRVVPSGDVVR F	031887	2084.4	85.84%		Soluble in acidic solution (pH <7.5)
9639	SARS S Protein VVPSGDVVRFPNITNL	031888	1727.0	83.65%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9640	SARS S Protein VVRFPNITNLCPFGEVF	031889	1952.3	87.73%		Soluble in water
9641	SARS S Protein TNLCPFGEVFNATKFPSV	031890	1971.3	77.57%		Soluble in water
9642	SARS S Protein VFNATKFPSVYAWERKKI	031891	2184.6	97.69%		Soluble in acidic solution (pH <7.5)
9643	SARS S Protein SVYAWERKKISNCVADY	031892	2032.3	80.45%		Soluble in acidic solution (pH <7.5)
9644	SARS S Protein KKISNCVADYSVLYNSTF	031893	2050.3	>80%	73%	Soluble in DMSO
9645	SARS S Protein DYSVLYNSTFFSTFKCY	031894	2085.3		90%	Soluble in DMSO
9646	SARS S Protein STFFSTFKCYGVSATKL	031895	1887.2		84%	Soluble in water
9647	SARS S Protein KCYGVSATKLNDLCFSNV	031896	1962.3	>80%	85%	Soluble in water
9648	SARS S Protein KLNDLCFSNVYADSFVVK	031897	2062.4		85%	Soluble in water
9649	SARS S Protein NVYADSFVVKGDDVRQIA	031898	1996.2	>80%	85%	Soluble in water
9650	SARS S Protein VKGDDVRQIAPGQTGVIA	031899	1824.1	92.00%		Soluble in water
9651	SARS S Protein IAPGQTGVIADYNYKL	031900	1723.0	80.03%		Soluble in water
9652	SARS S Protein GVIADYNYKLPDDFMGCV	031901	2020.3	80.29%		Soluble in basic solution (pH >7.5)
9653	SARS S Protein KLPDDFMGCVLAWNTRNI	031902	2093.4	>80%	85%	Soluble in water
9654	SARS S Protein CVLAWNTRNIDATSTGNY	031903	1997.2	>85%	72%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9655	SARS S Protein NIDATSTGNINYKYRYLR	031904	2212.4	83.58%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9656	SARS S Protein NYYKYRYLRHGKLRPF	031905	2288.7	94.84%		Soluble in acidic solution (pH <7.5)
9657	SARS S Protein YLRHGKLRPFERDISNV	031906	2100.4	96.53%		Soluble in acidic solution (pH <7.5)
9658	SARS S Protein RPFERDISNVPFSPDGK	031907	1961.2	84.12%		Soluble in water
9659	SARS S Protein SNVPFSPDGKPCPPAL	031908	1727.0	83.41%		Soluble in water
9660	SARS S Protein DGKPCPPALNCYWPL	031909	1775.1	86.49%		Soluble in water
9661	SARS S Protein PPALNCYWPLNDYGFY	031910	1933.2	89.51%		Soluble in basic solution (pH >7.5)
9662	SARS S Protein YWPLNDYGFYTTTGIGY	031911	2032.23	>85%	72%	Soluble in 6M guanidine-HCl/50mM Tris( pH 8.0)
9663	SARS S Protein GFYTTTGIGYQPYRVVVL	031912	2034.4	86.57%		Soluble in acidic solution (pH <7.5)
9664	SARS S Protein GYQPYRVVLSFELLNA	031913	1968.3	>80%	89%	Soluble in water with 50% acetonitrile
9665	SARS S Protein VVLSFELLNAPATVCGPK	031914	1858.3	93.87%		Soluble in water
9666	SARS S Protein NAPATVCGPKLSTDLIK	031915	1728.1	78.92%		Soluble in acidic solution (pH <7.5)
9667	SARS S Protein GPKLSTDLIKNQCVMNFNF	031916	2038.4	95.92%		Soluble in acidic solution (pH <7.5)
9668	SARS S Protein IKNQCVMNFNGLTGTGV	031917	1926.2	81.08%		Soluble in acidic solution (pH <7.5)
9669	SARS S Protein NFNGLTGTGVLTPSSKRF	031918	1896.2	81.22%		Soluble in acidic solution (pH <7.5)
9670	SARS S Protein GVLTPSSKRFQPFQQFGR	031919	2080.4	90.50%		Soluble in acidic solution (pH <7.5)
9671	SARS S Protein RFQPFQQFGRDVSDF	031920	1874.1	85.01%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9672	SARS S Protein QQFGRDVSDFTDSVRDPK	031921	2097.2	81.27%		Soluble in basic solution (pH >7.5)
9673	SARS S Protein DFTDSVRDPKTSEILDI	031922	1951.1	91.97%		Soluble in basic solution (pH >7.5)
9674	SARS S Protein DPKTSEILDISPCSFGGV	031923	1863.1	>80%	78%	Soluble in DMSO
9675	SARS S Protein DISPCSFGGVSVITPGTNA	031924	1822.0	80.54%		Soluble in basic solution (pH >7.5)
9676	SARS S Protein VSVITPGTNASSEVAVLY	031925	1807.1	91.00%		Soluble in basic solution (pH >7.5)
9677	SARS S Protein NASSEVAVLYQDVNCTDV	031926	1927.1		89%	Soluble in water with 70% acetonitrile (pH 8.0)
9678	SARS S Protein LYQDVNCTDVSTAIHA	031927	1749.9		89%	Soluble in water
9679	SARS S Protein CTDVSTAIHADQLTPAWR	031928	1985.2	85.26%		Soluble in water
9680	SARS S Protein HADQLTPAWRIYSTGNNV	031929	2043.2	81.53%		Soluble in acidic solution (pH <7.5)
9681	SARS S Protein WRIYSTGNNVFQTQAGCL	031930	2058.3		90%	Soluble in DMSO
9682	SARS S Protein NVFQTQAGCLIGAHEV	031931	1686.9	>80%	88%	Soluble in water
9683	SARS S Protein AGCLIGAHEVDTSYECDI	031932	1896.1	30.20%	89%	Soluble in water with 60% acetonitrile
9684	SARS S Protein HVDTSYECDIPIGAGICA	031933	1864.1	87.78%		Soluble in basic solution (pH >7.5)
9685	SARS S Protein DIPIGAGICASYHTVSL	031934	1830.2	80.47%		Soluble in water
9686	SARS S Protein CASYHTVSLLRSTSQKSI	031935	1981.3	>80%	80%	Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9687	SARS S Protein LLRSTSQKSIVAYTMSL	031936	1898.3	81.94%		Soluble in acidic solution (pH <7.5)
9688	SARS S Protein KSIVAYTMSLGADSSIA Y	031937	1877.1	>80%	89%	Soluble in water with 20% acetonitrile
9689	SARS S Protein SLGADSSIAYSNNTIAI	031938	1696.8	>80%	80%	Soluble in water
9690	SARS S Protein IAYSNNTIAIPTNFSISI	031939	1939.2		90%	Soluble in DMSO
9691	SARS S Protein AIPTNFSISITTEVMPV	031940	1820.1		89%	Soluble in DMSO
9692	SARS S Protein ISITTEVMPVSMAKTSV	031941	1794.2	80.12%		Soluble in water
9693	SARS S Protein MPVSMAKTSVDCNMYI	031942	1790.2		89%	Soluble in water with 40% acetonitrile
9694	SARS S Protein KTSVDCNMYICGDSTECA	031943	1940.2		89%	
9695	SARS S Protein YICGDSTECANLLLQY	031944	1806.0		89%	Soluble in water with 50% acetonitrile (pH 8.0)
9696	SARS S Protein TECANLLLQYGSFCTQL	031945	1904.2		89%	Soluble in water with 20% acetonitrile
9697	SARS S Protein LQYGSFCTQLNRALSGIA	031946	1942.2	71.57%		Soluble in water (pH 8.0)
9698	SARS S Protein QLNRALSGIAAEQDRNTR	031947	2013.2	97.11%		Soluble in acidic solution (pH <7.5)
9699	SARS S Protein IAAEQDRNTREVFAQVK	031948	1975.2	80.44%		Soluble in water
9700	SARS S Protein NTREVFAQVKQMYKTPTL	031949	2154.5	>80%	81%	Soluble in water
9701	SARS S Protein VKQMYKTPTLKYFGGFNF	031950	2169.6	86.67%		Soluble in acidic solution (pH <7.5)

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9702	SARS S Protein TLKYFGGFNFSQILPDPL	031951	2058.4	>80%	77%	
9703	SARS S Protein NFSQILPDPLKPTKRSFI	031952	2101.5	94.74%		Soluble in acidic solution (pH <7.5)
9704	SARS S Protein PLKPTKRSFIEDLLFNKV	031953	2145.6	92.37%		Soluble in acidic solution (pH <7.5)
9705	SARS S Protein FIEDLLFNKVTLADAGFM	031954	2044.4	62.90%	90%	Soluble in water (pH 8.0)
9706	SARS S Protein KVTLADAGFMKQYGECL	031955	1874.2	81.44%		Soluble in water
9707	SARS S Protein GFMKQYGECLGDINARDL	031956	2030.3	80.58%		Soluble in basic solution (pH >7.5)
9708	SARS S Protein CLGDINARDLICAQKF	031957	1780.1	82.94%		Soluble in water
9709	SARS S Protein ARDLICAQKFNGLTVL	031958	1762.1	86.73%		Soluble in acidic solution (pH <7.5)
9710	SARS S Protein AQKFNGLTVLPPLTDDM	031959	1973.3	80.53%		Soluble in basic solution (pH >7.5)
9711	SARS S Protein VLPPLTDDMIAAYTAAL	031960	1888.3	81.30%		Soluble in basic solution (pH >7.5)
9712	SARS S Protein DMIAAYTAALVSGTATA	031961	1626.9		88%	Soluble in water with 70% acetonitrile (pH 8.0)
9713	SARS S Protein AALVSGTATAGWTFGAGA	031962	1608.8		88%	Soluble in DMSO
9714	SARS S Protein TAGWTFGAGAALQIPFAM	031963	1810.1	81.00%	89%	Soluble in water with 80% acetonitrile
9715	SARS S Protein GAALQIPFAMQMAYRF	031964	1815.2	87.86%		Soluble in acidic solution (pH <7.5)
9716	SARS S Protein PFAMQMAYRFNGIGV	031965	1702.0	87.33%		Soluble in acidic solution (pH <7.5)



Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9717	SARS S Protein MAYRFNGIGVTQNVLY	031966	1846.1		89%	Soluble in water with 20% acetonitrile
9718	SARS S Protein GIGVTQNVLYENQKQIA	031967	1875.1	68.03%		Soluble in water
9719	SARS S Protein VLYENQKQIANQFNKAI	031968	2021.3	86.46%		Soluble in acidic solution (pH <7.5)
9720	SARS S Protein QIANQFNKAISSQIQESL	031969	1932.2	75.50%	89%	Soluble in water with 60% acetonitrile
9721	SARS S Protein KAISQIQESLTTTSTAL	031970	1792.0	90.00%	84%	Soluble in water
9722	SARS S Protein ESLTTTSTALGKLQDVV	031971	1762.0	>85%	76%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9723	SARS S Protein TALGKLQDVVNQNAQAL	031972	1783.0	83.51%		Soluble in water
9724	SARS S Protein DVVNQNAQALNTLVKQL	031973	1868.1		89%	Soluble in water with 10% acetonitrile
9725	SARS S Protein QALNTLVKQLSSNFGAI	031974	1804.1	80.02%		Soluble in acidic solution (pH <7.5)
9726	SARS S Protein KQLSSNFGAISSVLNDIL	031975	1906.2	>80%	90%	Soluble in water
9727	SARS S Protein AISSVLNDILSRDKVEA	031976	1943.2	89.51%		Soluble in basic solution (pH >7.5)
9728	SARS S Protein ILSRDKVEAEVQIDRLI	031977	2110.5	85.93%		Soluble in basic solution (pH >7.5)
9729	SARS S Protein EAEVQIDRLITGRLQSL	031978	1942.2	>80%	75%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9730	SARS S Protein RLITGRLQSLQTYVTQQL	031979	2118.5	68.80%	90%	Soluble in water with 60% acetonitrile
9731	SARS S Protein SLQTYVTQQLIRAAEIRA	031980	2061.4	93.34%		Soluble in acidic solution (pH <7.5)

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9732	SARS S Protein QLIRAAEIRASANLAATK	031981	1897.2	88.08%		Soluble in acidic solution (pH <7.5)
9733	SARS S Protein RASANLAATKMSECVL	U04227T1	1665.0	91.44%	78%	Soluble water
9734	SARS S Protein AATKMSECVLGQSKRVDF	031983	1970.3	83.49%		Soluble in acidic solution (pH <7.5)
9735	SARS S Protein VLGQSKRVDFCGKGYHLM	031984	2038.4	93.00%	77%	Soluble in water
9736	SARS S Protein DFCGKGYHLMSFPQAAPH	031985	2006.3	47.12%		Soluble in acidic solution (pH <7.5)
9737	SARS S Protein LMSFPQAAPHGVVFLHV	031986	1850.2	87.32%		Soluble in acidic solution (pH <7.5)
9738	SARS S Protein APHGVVFLHVTVVPSQER	031987	2036.3	80.86%		Soluble in acidic solution (pH <7.5)
9739	SARS S Protein HVTYVPSQERNFTTAPAI	031988	2031.3	97.48%		Soluble in acidic solution (pH <7.5)
9740	SARS S Protein ERNFTTAPAICHEGKAYF	031989	2055.3	90.05%		Soluble in water
9741	SARS S Protein AICHEGKAYFPREGVVFV	031990	2070.4	96.43%		Soluble in acidic solution (pH <7.5)
9742	SARS S Protein YFPREGVVFVNGTSWFI	031991	2066.3	>80%	90%	Soluble in water
9743	SARS S Protein FVFNGTSWFITQRNFF	031992	2011.3	63.56%		Soluble in acidic solution (pH <7.5)
9744	SARS S Protein SWFITQRNFFSPQII	031993	1884.2		89%	Soluble in DMSO
9745	SARS S Protein QRNFFSPQIIITDNTFV	031994	2028.3	83.99%		Soluble in basic solution (pH >7.5)
9746	SARS S Protein QIITDNTFVSGNCDVVI	031995	1939.2	62.10%	90%	Soluble in water with 70% acetonitrile (pH 8.0)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9747	SARS S Protein FVSGNCDVVIGIINNTVY	031996	1927.2		89%	Soluble in water with 70% acetonitrile (pH 8.0)
9748	SARS S Protein VIGIINNTVYDPLQPEL	031997	1898.2	>80%	90%	Soluble in water
9749	SARS S Protein TVYDPLQPELDSFKEEL	031998	2023.2	92.35%		Soluble in basic solution (pH >7.5)
9750	SARS S Protein PELDSFKEELDKYFKNH	031999	2139.4	91.10%		Soluble in basic solution (pH >7.5)
9751	SARS S Protein EELDKYFKNHTSPDVDL	032000	2050.2	95.03%		Soluble in basic solution (pH >7.5)
9752	SARS S Protein KNHTSPDVDLGDISGINA	032001	1853.0	83.36%		Soluble in basic solution (pH >7.5)
9753	SARS S Protein DLGDISGINASVVNIQK	032002	1742.0	>80%	72%	Soluble in DMSO
9754	SARS S Protein INASVVNIQKEIDRLNEV	032003	2054.4	95.35%		Soluble in basic solution (pH >7.5)
9755	SARS S Protein QKEIDRLNEVAKNLNESL	032004	2113.4	83.39%		Soluble in basic solution (pH >7.5)
9756	SARS S Protein EVAKNLNESLIDLQELGK	032005	2013.3	81.15%		Soluble in basic solution (pH >7.5)
9757	SARS S Protein SLIDLQELGKYEQYIKW	032006	2126.5	81.81%		Soluble in basic solution (pH >7.5)
9758	SARS S Protein LGKYEQYIKWPWYVWLGF	032007	2376.8	97.87%		Soluble in acidic solution (pH <7.5)
9759	SARS S Protein KWPWYVWLGFIAGLIAIV	032008	2132.6		90%	Soluble in DMSO
9760	SARS S Protein GFIAGLIAIVMTILL	032009	1644.1		89%	Soluble in DMSO
9761	SARS S Protein IAIVMTILLCCMTSCCSCL	032010	2114.8	59.10%	65%	Soluble in DMSO

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9762	SARS S Protein CCMTSCCCLKGACSCGS	032011	1747.2		89%	Soluble in water
9763	SARS S Protein CLKGACSCGSCCKFDEDD	032012	1884.1		85%	Soluble in DMSO
9764	SARS S Protein GSCCKFDEDDSEPVLKGV	032013	1928.1	93.54%		Soluble in basic solution (pH >7.5)
9765	SARS S Protein DDSEPVLKGVKLHYT	032014	1700.9	80.62%		Soluble in water

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