

Vector pCAGGS Containing SARS Coronavirus Nonstructural Protein 3

Catalog No. NR-15179

Product Description: The nonstructural protein 3 (nsp3) coding sequence from the Urbani strain of the severe acute respiratory syndrome-related coronavirus (SARS-CoV) was subcloned into a modified pCAGGS mammalian expression vector. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 62244662

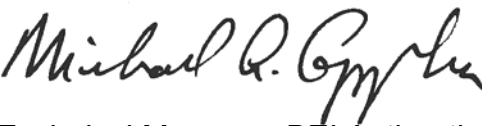
Manufacturing Date: 16JAN2014

TEST	SPECIFICATIONS	RESULTS
Sequencing of Insert (~ 1300 nucleotides)²	Consistent with SARS-CoV, Urbani nsp3 (1060 nucleotides) Biotinylation tag HA tag TEV protease cleavage site	99% identity with SARS-CoV, Urbani nsp3 (GenBank: AY278741) Confirmed Confirmed Confirmed
PicoGreen[®] Measurement DNA content DNA concentration	20 to 60 ng Report results	23 ng 0.23 ng per µL (0.23 µg per mL)
Effective Bacterial Transformation	≥ 100 colonies per ng	≥ 100 colonies per ng

¹Produced in *Escherichia coli* TOP10 cells (Invitrogen™ C404003) and extracted using a Plasmid *Plus* Maxi Kit (QIAGEN® 12963)

²The insert contained in NR-15179 is 5766 nucleotides long, and the ORF includes an additional 228 nucleotides; only the ends of the ORF were sequenced.

Date: 22 MAY 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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