

Vector pCAGGS Containing SARS Coronavirus Nonstructural Protein 1

Catalog No. NR-15190

Product Description: The nonstructural protein 1 (nsp1) coding sequence from the TOR-2 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: 61998728

Manufacturing Date: 16OCT2013

TEST	SPECIFICATIONS	RESULTS
Sequencing of Insert (759 nucleotides)	Consistent with SARS-CoV, TOR-2 nsp1 (538 nucleotides) HA tag 3X FLAG tag	100% identity with SARS-CoV, TOR-2 nsp1 (GenBank: AY274119) Confirmed Confirmed
PicoGreen[®] Measurement DNA content DNA concentration	20 to 60 ng Report results	19 ng ² 0.19 ng per µL (0.19 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)

²Below specification

Date: 11 AUG 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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