

Vector pCAGGS Containing SARS Coronavirus Nonstructural Protein 1

Catalog No. NR-15182

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: 61998725

Manufacturing Date: 02OCT2013

TEST	SPECIFICATIONS	RESULTS
Sequencing of Insert (765 nucleotides)	Consistent with SARS-CoV, TOR-2 nsp1 (537 nucleotides) Biotinylation tag HA tag TEV protease cleavage site	100% identity with SARS-CoV, TOR-2 nsp1 (GenBank: AY274119) Confirmed Confirmed Confirmed
PicoGreen[®] Measurement DNA content DNA concentration	20 to 60 ng Report results	62 ng ² 0.62 ng per µL (0.62 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)

²Exceeds specification

Date: 10 MAR 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

