

Vector pCAGGS Containing the Zaire Ebolavirus, Mayinga VP40 Gene with N-Terminal FLAG Tag

Catalog No. NR-49399

Product Description: The VP40 matrix protein gene from Zaire ebolavirus (EBOV), Mayinga was directionally subcloned into a modified pCAGGS mammalian expression vector. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 64218892

Manufacturing Date: 20APR2016

TEST	SPECIFICATIONS	RESULTS
Sequencing of Recombinant ORF (1017 nucleotides)	Consistent with EBOV, Mayinga VP40 (981 nucleotides) FLAG tag	99% identity with EBOV, Mayinga VP40 (GenBank: AF086833) Confirmed
PicoGreen® Measurement DNA content DNA concentration	Report results Report results	25 ng 0.5 ng per µL (0.5 µg per mL)
Effective Bacterial Transformation	≥ 100 colonies per ng	≥ 100 colonies per ng

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

Date: 12 MAY 2016

Signature: 

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