

Vector pCAGGS Containing Marburg Marburgvirus, Musoke Glycoprotein

Catalog No. NR-19815

Product Description: The viral glycoprotein (GP) gene from Marburg Marburgvirus (MARV), Musoke was subcloned into the mammalian expression vector pCAGGS. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 63609890

Manufacturing Date: 01JUL2015

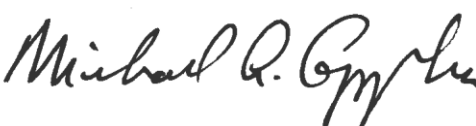
TEST	SPECIFICATIONS	RESULTS
Confirmation of Insert by Restriction Enzyme Digestion Digestion with <i>Kpn</i> I ² and <i>Not</i> I ³	~ 5.4 kb (vector + insert); ~ 1.5 kb (insert)	~ 5.4 kb (vector + insert); ~ 1.5 kb (insert)
Sequencing of Insert (866 nucleotides)	Consistent with MARV, Musoke GP	99% identity with MARV, Musoke GP (GenBank: DQ217792)
PicoGreen[®] Measurement DNA content DNA concentration	Report results Report results	90 ng 0.90 ng per µL (0.90 µg per mL)
Effective Bacterial Transformation	≥ 100 colonies per ng	≥ 100 colonies per ng

¹Produced in *Escherichia coli* 5-alpha F'f⁺ cells (New England Biolabs™ C2992H) and extracted using a Plasmid Plus Maxi Kit (QIAGEN[®] 12963)

²*Kpn*I-HF[®] (New England BioLabs, Inc. R3142S)

³*Not*I-HF[®] (New England BioLabs, Inc. R3189S)

Date: 11 NOV 2015

Signature: 

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