

Vector pCAGGS Containing the Marburg Marburgvirus, Musoke VP35 Gene

Catalog No. NR-49210

Product Description: The VP35 polymerase complex protein gene from Marburg marburgvirus (MARV), Musoke was directionally subcloned into a modified pCAGGS mammalian expression vector. The plasmid was produced in *Escherichia coli* and extracted.

Lot: 63212440

Manufacturing Date: JAN2015

TEST	SPECIFICATIONS	RESULTS
Sequencing of Insert (1399 nucleotides)¹	Consistent with MARV, Musoke VP35	100% identity with MARV, Musoke VP35 (GenBank: DQ217792)
dsDNA Measurement² DNA content DNA concentration	Report results Report results	35 ng 0.69 ng per μ L (0.69 μ g per mL)
Effective Bacterial Transformation	\geq 100 colonies per ng	56 colonies per ng ³

¹The Marburg Marburgvirus genome insert in NR-49210 includes the entire VP35 open reading frame (990 nucleotides) and approximately 400 nucleotides of 3' untranslated sequence.

²Using a Qubit[®] dsDNA HS (High Sensitivity) Assay Kit (Invitrogen™ Q32854) on the Qubit[®] Fluorometer platform

³Below specification

Date: 23 APR 2015

Signature: 
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