

**Vector pcDNA3 Containing the Marburg Marburgvirus, Musoke VP30 Gene**

**Catalog No. NR-49208**

**Product Description:** The VP30 nucleocapsid protein gene from Marburg marburgvirus (MARV), Musoke was directionally subcloned into a modified pcDNA3 mammalian expression vector. The plasmid was produced in *Escherichia coli* and extracted.

**Lot<sup>1</sup>: 63404767**

**Manufacturing Date: MAR2015**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Insert (1121 nucleotides)<sup>1</sup></b>	Consistent with MARV, Musoke VP30	100% identity with MARV, Musoke VP30 (GenBank: DQ217792)
<b>PicoGreen<sup>®</sup> Measurement</b> DNA content DNA concentration	Report results Report results	325 ng 6.5 ng per $\mu$ L (6.5 $\mu$ g per mL)
<b>Effective Bacterial Transformation</b>	$\geq$ 100 colonies per ng	$\geq$ 100 colonies per ng

<sup>1</sup>The Marburg Marburgvirus genome insert in NR-49208 includes the entire VP30 open reading frame (843 nucleotides) and approximately 275 nucleotides of untranslated sequence, most of which is at the 3' end.

**Date:** 12 MAY 2015

**Signature:**



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