

**Vector pcDNA3 Containing the Marburg Marburgvirus, Musoke VP40 Gene**

**Catalog No. NR-49350**

**Product Description:** The VP40 matrix 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: 63435607**

**Manufacturing Date: APR2015**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Insert (1395 nucleotides)<sup>1</sup></b>	Consistent with MARV, Musoke VP40	100% identity with MARV, Musoke VP40 (GenBank: DQ217792)
<b>PicoGreen<sup>®</sup> Measurement</b> DNA content DNA concentration	Report results Report results	260 ng 5.2 ng per $\mu$ L (5.2 $\mu$ 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-49350 includes the entire VP40 open reading frame (912 nucleotides) and approximately 480 nucleotides of 3' untranslated sequence.

**Date:** 29 JUN 2015

**Signature:**   
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