

Vector pcDNA3.1 Containing β -Lactamase Fused to Ebolavirus, Zaire VP40 (Bla-VP40)

Catalog No. NR-19813

Product Description: The viral matrix protein VP40 gene from ebolavirus (EBOV), Zaire was synthesized by multiple rounds of overlapping PCR and fused to the β -lactamase gene to create a modified β -lactamase-VP40 fusion protein (Bla-VP40) which was subcloned into the Invitrogen™ vector pcDNA3.1. The plasmid was produced in *Escherichia coli* and extracted.¹

Lot¹: 59509891

Manufacturing Date: 20OCT2010

| TEST | SPECIFICATIONS | RESULTS |
|---|--|--|
| PCR Amplification and Sequencing of Insert | ~ 2000 bp amplicon EBOV, Zaire VP40 | ~ 2000 bp amplicon EBOV, Zaire, VP40 |
| PicoGreen® Measurement DNA content DNA concentration | 20 to 50 ng Report results | 50 ng 0.50 ng per μ L (0.50 μ g per mL) |
| Effective Bacterial Transformation | \geq 100 colonies per ng | \geq 100 colonies per ng |

¹Produced in *Escherichia coli* 5-alpha F'f' cells (New England Biolabs™ C2992H) and extracted using the EndoFree® Plasmid Maxi Kit (QIAGEN® 12362)

Date: 22 OCT 2015

Signature: 

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

