

Vector pCAGGS Containing the Zaire Ebola virus, SLE/2014/Makona-G3848 Glycoprotein Gene

Catalog No. NR-51477

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

NR-51477 is an expression vector designed to express full length, Zaire ebolavirus (EBOV), SLE/2014/Makona-G3848 spike glycoprotein (GP) precursor (GenPept: [AIG96562.1](#)). The ampicillin resistance gene, *bla*, provides transformant selection through ampicillin resistance in *Escherichia coli* (*E. coli*). The plasmid was produced in *Escherichia coli* and extracted.

NR-51477 has been qualified for use in bacterial transformations.

Material Provided:

Each vial contains plasmid DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA). The DNA concentration and volume provided are shown on the Certificate of Analysis. The vial should be centrifuged prior to opening. Note: The contents of the vial should be used to replicate the plasmid in *E. coli* prior to expression studies.

Packaging/Storage:

NR-51477 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Vector pCAGGS Containing the Zaire Ebola virus, SLE/2014/Makona-G3848 Glycoprotein Gene, NR-51477.”

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

Disclaimers:

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References:

1. Basler, C. F., Personal Communication.

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