Recombinant Plague (Yersinia pestis) Vaccine

Catalog No. NR-15893
This reagent is the property of the U.S. Government.

Lot No. 7371

Manufacturing Date: AUG2007

For research use only. Not for human use.

Contributor:
National Institute of Allergy and Infectious Diseases, National Institutes of Health

Manufacturer:
Avecia Biologics Ltd., Manchester, United Kingdom

Product Description:
NR-15893 is a sterile suspension of RypVax™, recombinant plague vaccine, containing recombinant F1 (rF1) and V (rV) antigens from Yersinia pestis produced in Escherichia coli. The purified antigens (160 µg/mL rF1 and 160 µg/mL rV) were adjuvanted with Alhydrogel. Antibodies to rF1 have been shown to be protective against bubonic plague while antibodies to rV have been shown to enhance protection against inhalation plague. This vaccine combined both antigens and was expected to protect against both forms of the disease.

Note: NR-15893 is provided through BEI Resources for research use only. It is not for human use.

Material Provided:
Each vial contains approximately 0.8 mL of purified recombinant antigen proteins (160 µg/mL rF1 and 160 µg/mL rV) adjuvanted with 0.26% w/w Alhydrogel.

Packaging/Storage:
NR-15893 was packaged aseptically in single-use glass vials. The product is provided at 2°C to 8°C on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival. Do not freeze NR-15893.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Recombinant Plague (Yersinia pestis) Vaccine, NR-15893.”

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, 5th ed.

Disclaimers:
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References:

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