**Streptococcus pneumoniae** Family 2, Clade 3 Pneumococcal Surface Protein A (PspA UAB099) with C-Terminal Histidine Tag, Recombinant from *Escherichia coli*

**Catalog No. NR-33179**
This reagent is the property of the U. S. Government.

**For research use only. Not for human use.**

**Contributor:**
BEI Resources

**Manufacturer:**
Center for AIDS Research Virology Core at the University of Alabama at Birmingham

**Product Description:**
NR-33179 is a recombinant form of the pneumococcal surface protein A\(^1^\) (PspA UAB099) from *Streptococcus pneumoniae* (*S. pneumoniae*) Family 2, Clade 3. PspA UAB0599 contains an N-terminal pelB leader peptide and a C-terminal histidine tag and was expressed in *Escherichia coli* using a T7 expression system and purified by nickel affinity chromatography.

**Material Provided:**
Each vial contains approximately 1 mg of NR-33179 in 50 mM Tris-HCl (pH 7.0) containing 20 mM NaCl and 0.1% glycine. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

**Packaging/Storage:**
NR-33179 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Streptococcus pneumoniae* Family 2, Clade 3 Pneumococcal Surface Protein A (PspA UAB099) with C-Terminal Histidine Tag, Recombinant from *Escherichia coli*, NR-33179.”

**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. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/BMBL.

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

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**References:**

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