

***Streptococcus pneumoniae* Family 2, Clade 4 Pneumococcal Surface Protein A (PspA UAB100) with C-Terminal Histidine Tag, Recombinant from *Escherichia coli***

**Catalog No. NR-33180**

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**Product Description:** NR-33180 is a recombinant form of the pneumococcal surface protein A (PspA UAB100) from *Streptococcus pneumoniae* (*S. pneumoniae*) Family 2, Clade 4. PspA UAB100 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.

**Lot: 60570956**

**Manufacturing Date: 03JUL2013**

TEST	SPECIFICATIONS	RESULTS
SDS-PAGE (Coomassie Blue)	Purified protein represents ≥ 85% of staining intensity	Purified protein represents ≥ 94% of staining intensity (Figure 1) <sup>1</sup>
Concentration by Bradford Assay	Report results	1 mg/mL
Protein Content	1 mg per vial	1 mg per vial
Endotoxin Content (Limulus Amoebocyte Lysate) <sup>2</sup>	Report results	~ 302 endotoxin units per mg

<sup>1</sup>Fusion protein runs high on SDS-PAGE (between 49 kDa and 69 kDa)

<sup>2</sup>Pierce LAL Chromogenic Endotoxin Quantitation Kit

**Date:** 23 JUL 2013

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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**Figure 1: SDS-PAGE**

