

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

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Product Description: NR-33179 is a recombinant form of the pneumococcal surface protein A (PspA UAB099) from *Streptococcus pneumoniae* (*S. pneumoniae*) Family 2, Clade 3. PspA UAB099 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: 60570954

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) ¹
Concentration by Bradford Assay	Report results	1 mg/mL
Protein Content	1 mg per vial	1 mg per vial
Endotoxin Content (Limulus Amoebocyte Lysate) ²	Report results	~ 453 endotoxin units per mg

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

²Pierce 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

