

## Borrelia Afzelii Outer Surface Protein p100 Recombinant

**Item Number** rAP-5111

**Synonyms**

**Description** Recombinant Borrelia Afzelii Outer Surface Protein p100 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 74,782 Dalton. Borrelia Afzelii p100 is expressed with a 10x-His tag at N-terminus and purified by proprietary chromatographic techniques.

**Uniprot Accession Number**

**Amino Acid Sequence**

**Source** Sf9 insect cells.

**Physical Appearance and Stability** Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

**Formulation and Purity** Borrelia Afzelii p100 is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.

**Application**

**Solubility**

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**