

Borrelia Afzelii Outer Surface Protein A Recombinant

Item Number rAP-5105

Synonyms

Description Recombinant Borrelia Afzelii Outer Surface Protein A produced in E.coli is a non-glycosylated, polypeptide chain having a calculated molecular mass of 29,074 Dalton. Borrelia Afzelii OspA is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques.

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

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 OspA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application Western blot with Lyme positive plasma.

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**