

Outer Surface Protein A Recombinant Protein | ospA recombinant protein

Recombinant Borrelia Afzelii Outer Surface Protein A

CATALOG # AAA38976	HOST E. coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

Outer Surface Protein A; Recombinant Borrelia Afzelii Outer Surface Protein A; Borrelia Afzelii OspA; Borrelia Afzelii Outer Surface Protein A Recombinant; Borrelia OspA; ospA recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95.0% as determined by SDS-PAGE.
Form/Format	Borrelia Afzelii OspA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol. Sterile Filtered clear solution.
Sequence Length	273
Applicable Applications for ospA recombinant protein	SDS-PAGE
Immunological Functions	1. Binds IgG- and IgM-type human antibodies. 2. Immunodot test with Lyme disease positive/negative plasma; suitable for LTT (lymphocyte transformation test).
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ospA recombinant protein	Description: Recombinant Borrelia Afzelii Outer Surface Protein A produced in E.coli is a non-glycosylated, polypeptide chain having a calculated molecular mass of 30kDa. Borrelia Afzelii OspA is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for ospA recombinant protein	Viral Antigens; BORRELIA PROTEIN; Viral Antigens; Borrelia

NCBI AND UNIPROT INFORMATION

NCBI GI #	258154
NCBI Official Full Name	outer surface protein A
UniProt Protein Name	Outer surface protein A
UniProt Gene Name	ospA
UniProt Entry Name	OSPA5_BORBG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.