



[Go to Product page](#)

Datasheet for ABIN5624575

OspA Protein

1 Image

Overview

Quantity:	100 µg
Target:	OspA
Origin:	Borrelia burgdorferi
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB)

Product Details

Purification:	OspA is a fusion protein with an MBP tag and was expressed in E.coli. Analysis by SDS-PAGE resulted in a pattern consistent with purified OspA and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	OspA
Alternative Name:	OspA (OspA Products)
Gene ID:	1194357
UniProt:	P0C926

Application Details

Application Notes:	Application Note: OspA is suitable as a control in immunological assays. Specific conditions for
--------------------	--------------------------------------------------------------------------------------------------

Application Details

reactivity should be optimized by the end user. Expect a band at 70.5 kDa for OspA-MBP, (28.1 kDa for OspA and 42.4 for MBP) in size corresponding to OspA by Western blotting in the appropriate cell lysate or extract.

Western Blot Dilution: User Optimized

ELISA Dilution: User Optimized

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.04 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: Sodium azide

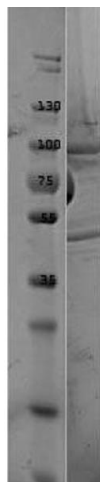
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of OspA Control Protein. Lane 1: OspA Control Protein, Non-reduced. Lane 2: OspA Control Protein, Reduced. Load: 1.0 µg per lane. Predicted/Observed size Reduced and Non-reduced: 70.5 kDa, 70.5 kDa for rOspA-MBP. Other band(s): 42 kDa for MBP, 28 kDa for OspA.