Datasheet for ABIN5624582

ErpN/OspE Protein

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Overview

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

Product Details

Purification:	ErpN/OspE 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 ErpN/OspE and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	ErpN/OspE
Gene ID:	1194664
UniProt:	Q9S060

Application Details

Application Notes:	Application Note: ErpN/OspE is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect a band at 59.5 kDa for

Application Details

	OspE-MBP, (17.1 kDa for OspE and 42.4 for MBP) in size corresponding to ErpN/OspE 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:	1.0 mg/mL
Buffer:	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 OspE Control Protein. Lane 1: Molecular Weight Marker. Lane 2: OspE Control Protein. Load: 10 µl at 1:4 dilution. Predicted/Observed size: 59.5 kDa fusion protein, 17.1 kDa for OspE, 42.4 kDa for MBP alone.