

Datasheet for ABIN5624577

**OspC Protein****1** Image[Go to Product page](#)

## Overview

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

## Product Details

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

## Target Details

Target:	OspC
Gene ID:	1194415
UniProt:	<a href="#">Q07337</a>

## Application Details

Application Notes:	Application Note: OspC is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect a band at 63.1 kDa for OspC-MBP, (20.7
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## Application Details

kDa for OspC and 42.4 for MBP) in size corresponding to OspC 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: 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 OspC Control Protein. Lane 1: Molecular Weight Marker. Lane 2: OspC Control Protein. Load: 10 µl at 1:81 dilution. Predicted/Observed size: 63.1 kDa fusion protein, 20.7 kDa for OspC, 42.4 kDa for MBP alone.