

Recombinant *B. burgdorferi* OspC Protein, MBP-tagged

Cat. No. OspC-09B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Borrelia burgdorferi</i> OspC protein fused to MBP-tag and produced in <i>E. coli</i> . Greater than 90% purity.
Species	<i>Borrelia burgdorferi</i> B31
Source	<i>E. coli</i>
Form	Liquid (sterile filtered)
Molecular Mass	63.1 kDa for OspC-MBP (20.7 kDa for OspC and 42.4 for MBP)
Purity	> 90%
Applications	Immunological assays
Storage	Short Term Storage: ≤ -20 centigrade Long Term Storage: -80 centigrade General Storage Conditions: Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Concentration	1.0 mg/mL
Storage Buffer	PBS pH7.2 with 0.01% (w/v) Sodium Azide

GENE INFORMATION

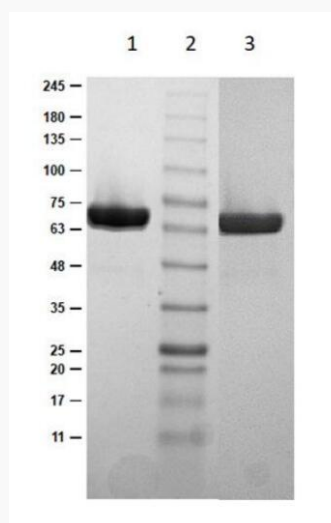
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Gene Name	ospC type III secretion system secretin MxiD [<i>Borrelia burgdorferi</i> B31]
Official Symbol	ospC
Synonyms	ospC; type III secretion system secretin MxiD; type III secretion system secretin MxiD
Gene ID	1194415
Protein Refseq	WP_010890595

SDS-PAGE



Lane 1: OspC Control Protein Non-Reduced [10 µg]

Lane 2: Molecular Weight Marker

Lane 3: OspC Control Protein Reduced [10 µg]

Representative Coomassie stained SDS-PAGE (4-20% gel) showing purified OspC protein (63.1 kDa fusion protein, 20.7 kDa for OspC, 42.4 kDa for MBP alone).

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