



Recombinant *Borrelia burgdorferi* Outer surface protein B (ospB)

Product Code	CSB-EP600204BIO-B
Abbreviation	ospB
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q09090
Product Type	Recombinant Protein
Immunogen Species	<i>Borrelia burgdorferi</i> (Lyme disease spirochete) (<i>Borrelia burgdorferi</i>)
Purity	>85% (SDS-PAGE)
Sequence	CAQK GANPEQKGGD ADVLNTSKTE KYLNKNLPSE AEDLVSLFND SEIFVSKEKN KDGKYVLRAI VDTVELKGVA DKNDGSEGKL EGLKPDNSKV TMSISKDQNT ITIETRDSSN TKVASKVFKK DGSLTEESYK AGQLDSKCLT RSNKTTLEYS DMTNAENATT AIETLKNIE FKGSLVGGKA TLQIVESTVT LTREIDKDGK LKIYKDTAS SSKKTVSWND TDLTISAEG KKTDLVFLT DGTITVQNYD SASGTTLEGT ATEIKNLEAL KTALK
Source	E.coli
Target Names	ospB
Protein Names	Recommended name: Outer surface protein B
Expression Region	17-295
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.