



Recombinant *Borrelia burgdorferi* Basic membrane protein D (bmpD)

Product Code	CSB-EP316105BUD-B
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P0CL55
Product Type	Recombinant Protein
Immunogen Species	<i>Borrelia burgdorferi</i> (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
Purity	>85% (SDS-PAGE)
Sequence	CSSS DDGKSEAKTV SLIVDGAFDD KGFNESSSKA IRCLKADLNI NIEKASTGN SYLGDIANLE DGNSNLIWGI GFRLSDILFQ RASENVSVNY AIIIEGVYDEI QIPKNLLNIS FRSEEVAFLA GYFASKASKT GKIGFVGGVR GKVLESFMYG YEAGAKYANS NIKVVSQYVG TFGDFGLGRS TASNMYRDGV DIIFAAAGLS GIGVIEAAKE LGPDHYIIGV DQDQSYLAPN NVIVSAVKKV DSLMYSLTKK YLETGVLDGG KTMFLGLKED GLGLVLNENL KSNYSEIYNK SLKIGQSIMN GIIKVPYDKV SYDNFVLQME N
Source	E.coli
Target Names	bmpD
Protein Names	Recommended name: Basic membrane protein D
Expression Region	17-341
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.