



Recombinant Basic membrane protein A1 (bmpA1)

Product Code	CSB-EP737620BUI-B
Abbreviation	bmpA1
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.	Q661N6
Product Type	Recombinant Protein
Immunogen Species	Borrelia baviensis (strain ATCC BAA-2496 / DSM 23469 / PBI) (Borrelia baviensis)
Purity	≥85% (SDS-PAGE)
Sequence	CSG KGSLESEIPK VSLIIDGTFD DKSFNESALN GIKKVKEEFK IEPVLKESST NSYLSGLEGL KDTGSNLIWL IGYKFSDVAK SVSLQNPEIK YAIIDPVYSD EIPANLVGM TFRSQEGAFI TGYIAAKVSK TGKIGFLGGI EGEIVDAFRY GYEAGAKYAN KDIKISAYYI GSFADLEAGR SVATKMYSDG IDIIHHAAGL GGIGAIEVAK ELGSGHYIIG VDGDQSYLAP NNIITSATKD VGRSLNIFTS NYLKTNTFEG GRLINYGLKE GVVGFKNPK MIPFELEKEI DNLSSKIINQ EIIVPYNKES YEKFKE
Source	E.coli
Target Names	bmpA1
Protein Names	Recommended name: Basic membrane protein A1 Alternative name(s): Immunodominant antigen P39
Expression Region	18-337
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.