



Recombinant Anaplasma marginale Protein TolB (tolB)

Product Code	CSB-EP715815AAAC-B
Abbreviation	tolB
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.	Q5PBH8
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	ALGVD ITKGNTEKVK ISVAPMHSST NLEKEIGKSC IRVMLRDLNS TGIFDASWKL PAGGFSTTSE GMPDSNAWTS VAKDVLVTGS IKEFAQGRVK VKLFIWDVAS GRQLSGKSFN FATGNWRRAA HSMSDSIYSR ITGEGGYFNT RIAYVAETGL PGSRRIAIMD QDGANNIYIT GRGEFVSTPR FSPDARNLVY MSYAKSGGSV VLHDLETGYS TALGGVRGVN SSPRFSPDGR HVLLSESAQG STNIYSIDLK SGKSTRLTND RSINTSASYS PDKKSIVFNS DRSGRPQLYV MNADGTNQRR ISSGKGGYSA PAWSPRGDWI AFTKTEGKSF HVGVMKPDGS GERLLAKGYM VDSPSWSPNG RVILFTQQDP PSATHPFRSR LVTVDITGTN TQILDVPTNA SNAHWSPVLR E
Source	E.coli
Target Names	tolB
Protein Names	Recommended name: Protein TolB
Expression Region	26-441
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.