



Recombinant Mycobacterium tuberculosis Phosphate-binding protein pstS 1 (pstS1)

Product Code	CSB-EP322230MVZ
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.	P9WGU0
Product Type	Recombinant Protein
Purity	>85% (SDS-PAGE)
Sequence	CGSKPPS GSPETGAGAG TVATTPASSP VTLAETGSTL LYPLFNLWGP AFHERYPNVT ITAQGTGSGA GIAQAAAGTV NIGASDAYLS EGDMAAHKGL MNIALAISAQ QVNYNLPGVS EHLKLNKVL AAMYQGTIKT WDDPQIAALN PGVNLPGTAV VPLHRSDGSG DTFLFTQYLS KQDPEGWGKS PGFGTTVDFP AVPGALGENG NGGMVTGCAE TPGCVAYIGI SFLDQASQRG LGEAQLGNSS GNFLLPDAQS IQAAAAGFAS KTPANQAISM IDGPAPDGY P IINYEYAIVN NRQKDAATAQ TLQAFLHWAI TDGNKASFLD QVHFQPLPPA VVKLSDALIA TISS
Source	E.coli
Protein Names	Recommended name: Phosphate-binding protein pstS 1 Short name= PBP 1 Short name= PstS-1 Alternative name(s): Antigen Ag78 Protein antigen B Short name= PAB
Expression Region	24-374
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.