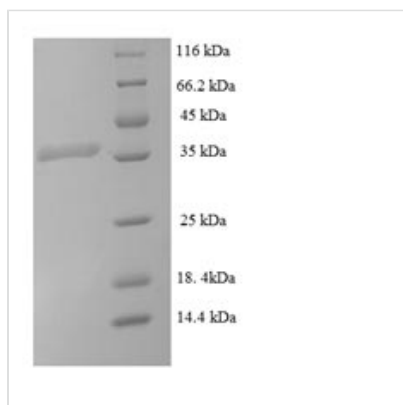




Recombinant Mycobacterium tuberculosis Signal peptidase I (lepB), partial

Product Code	CSB-EP604637MVZ
Abbreviation	lepB
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.	P9WKA1
Alias	Leader peptidase I
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	RPYLIPSESMEPTLHGCSTCVGDRIMVDKLSYRFGSPQPQGDVIVFRGPPSWNV GYKSIRSHNVAVRWVQNALSFIVPPDENDLVKRVIAVGGQTVQCRSDTGLT VNGRPLKEPYLDPATMMADPSIYPCLGSEFGPVTVPGRVWVMGDNRTHTSA DSRAHCPLLCTDDPLPGTVPVANVIGKARLIVWPPSRWGVVRSVNPQQGR
Source	E.coli
Target Names	lepB
Protein Names	Recommended name: Probable signal peptidase I Short name= SPase I EC= 3.4.21.89 Alternative name(s): Leader peptidase I
Expression Region	88-294aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	38.6kDa
Protein Length	Extracellular Domain

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**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.