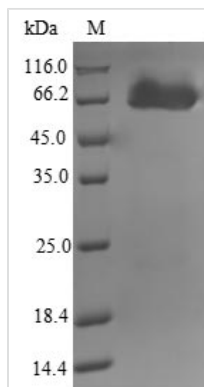




Recombinant Mycobacterium tuberculosis Putative amidase AmiB2 (amiB2)

Product Code	CSB-EP351872MVZ
Relevance	A monocarboxylic acid amide + H ₂ O = a monocarboxylate + NH ₃ .
Abbreviation	Recombinant Mycobacterium tuberculosis amiB2 protein
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.	P9WQ97
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDPTDLAFAGAAAQARMLADGALTAPMLLEVYLQRIERLDShLRAyRVVQFDR ARAEAEAAQQLDAGERLPLLGVPIAIKDDVDIAGEVTTYGSAGHGPAATSDA EVVRLRAAGAVIIGKTNVPELMIMPFTESLAFGATRNPWCLNRTPGGSSGGS AAAVAAGLAPVALGSDGGGSIRIPCTWCGLFGLKPQRDRISLEPHDGAWQGL SVNGPIARSVMDAALLLDATTTVPGEPEGFVAAAARQPGRLRIALSTRVPTPLP VRCGKQELAAVHQAGALLRDLGHDVVVRDPDYPASTYANYLPRFFRGISDDA DAQAHPDRLEARTRAIARLGSSFFSDRRMAALRAAEVVLSSRIQSIFDDVDVVVT PGAATGPSRIGAYQRRGAVSTLLLVVQRPYPYFQVWNLTGQPAAVVPWDFDG DGLPMSVQLVGRPYDEATLLALAAQIESARPWARRPSVS
Research Area	others
Source	E.coli
Target Names	amiB2
Protein Names	Recommended name: Putative amidase AmiB2 EC= 3.5.1.4
Expression Region	1-462aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	69.1kDa
Protein Length	Full Length
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.