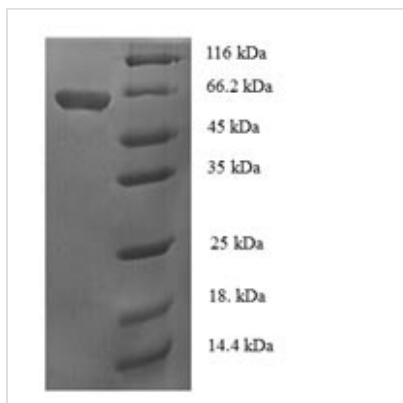




Recombinant Bacillus subtilis Alpha-galactosidase (melA)

Product Code	CSB-EP523525BRJ
Abbreviation	Recombinant Bacillus subtilis melA 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.	O34645
Alias	Melibiose
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MKKITFIGAGSTIFAKNVLGDCLLTEALNGFEFALYDIDPKRLQESQLMLENLRD RYNPSVAINSYDDRKLALQNAGYVINAIQVGGYKPSTVIDFEIPKRYGLRQTIAD TVGIGGIFRSLRTIPVLFDIKDM EEMCPDAWFLNYTNPMATLTGAMLRYTNIKT IGLCHSVQVCTKDLFKALGMEHDGIEERIAGINHMAWLVKKGDTLDYPEIKR RAKEKQKTKHDMVRFELMDKFGYYVTE SSEHNAEYHPYFIKRNYPELISELQI PLDEYPRRCVKQIENWEKMRDDIVNNKNLTHE RSKEYGSRIIEAMETNEPFTF GGNVLNTGLITNLPKAVVEVTCVADRKKITPCFAGELPEQLAALNRTNINTQL MTIEAAVTRKKEAVYQAAMLDPHTSAELSMKDIISMCDLFAAHGDWLPEYK
Research Area	Others
Source	E.coli
Target Names	melA
Expression Region	1-432aa
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	65.3kDa
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.