



Recombinant Bacillus subtilis Alpha-galactosidase (melA)

Product Code	CSB-EP523525BRJ-B
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
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MKKITFIGAGSTIFAKNVLGDCLLTEALNGFEFALYDIDPKRLQESQLMLENLRD RYNPSVAINSYDDRKLALQNAGYVINAIQVGGYKPSTVIDFEIPKRYGLRQTIAD TVGIGGIFRSLRTIPVLFDIAKDMEEMCPDAWFLNYTNPMATLTGAMLRYTNIKT IGLCHSVQVCTKDLFKALGMEHDGIEERIAGINHMAWLLLEVKKDGTDLYPEIKR RAKEKQKTKHHDMVRFELMDKFGYYVTESSEHNAEYHPYFIKRNYPELISELQI PLDEYPRRCVKQIENWEKMRDDIVNNKLNLTHERSKEYGSRIIEAMETNEPFTF GGNVLNTGLITNLPKAVVEVTCVADRKKITPCFAGELPEQLAALNRTNINTQL MTIEAAVTRKKEAVYQAAMLDPHTSAELSMKDIISMCDLFAAHGDWLPEYK
Research Area	Others
Source	E.coli
Target Names	melA
Protein Names	Recommended name: Alpha-galactosidase EC= 3.2.1.22 Alternative name(s): Melibiase
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	Tag type will be determined during the manufacturing process.
Protein Length	Full length
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.