



Recombinant Ipomoea batatas Beta-amylase (BMY1)

Product Code	CSB-EP318056INB
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P10537
Product Type	Recombinant Protein
Immunogen Species	Ipomoea batatas (Sweet potato) (Convolvulus batatas)
Purity	>85% (SDS-PAGE)
Sequence	APIPGVMPI GNYVSLYVML PLGVVNADNV FPDKEKVEDE LKQVKAGGCD GVMVDVWWGI IEAKGPKQYD WSAYRELFQL VKKCGLKIQA IMSFHQCGGN VGDAVFIPIP QWILQIGDKN PDIFYTNRAG NRNQEYLSLG VDNQRLFQGR TALEMURDFM ESFRDNMADF LKAGDIVDIE VGCGAAGELR YPSYPETQGW VFPGIGEFQC YDKYMVADWK EAVKQAGNAD WEMPGKGAGT YNDTPDKTEF FRPNGTYKTD MGKFFLTWYS NKLIHGDQV LEEANKVFG LRVNIAAKVS GIHWYNNHVS HAAELTAGFY NVAGRDRGYP IARMLARHHA TLNFTCLEMR DSEQPAEAKS APQELVQQVL SSGWKEYIDV AGENALPRYD ATAYNQMLLN VRPNGVNLNG PPKLKMSGLT YLRLSDDLQ TDNFELFKKF VKKMHADLDP SPNAISPAVL ERSNSAITID ELMEATKGSR PFPWYDVTDM PVDGSNPFD
Source	E.coli
Target Names	BMY1
Protein Names	Recommended name: Beta-amylase EC= 3.2.1.2 Alternative name(s): 1,4-alpha-D-glucan maltohydrolase
Expression Region	2-499
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.