



Recombinant Glycine max Beta-amylase (BMY1)

Product Code	CSB-EP320770GGV-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.	P10538
Product Type	Recombinant Protein
Immunogen Species	Glycine max (Soybean) (Glycine hispida)
Purity	>85% (SDS-PAGE)
Sequence	ATSDSNMLL NYVPVYVMLP LGVVNVDNVF EDPDGLKEQL LQLRAAGVDG VMVDVWWGII ELKGPQYDW RAYRSLFQLV QECGLTLQAI MSFHQCGGNV GDIVNIPIQ WVLDIGESNH DIFYTNRSGT RNKEYLTVGV DNEPIFHGRT AIEIYSDYMK SFRENMSDFL ESGLIIDIEV GLGPAGELRY PSYPQSQGWE FPRIGEFQCY DKYLKADFKA AVARAGHPEW ELPDDAGKYN DVPESTGFFK SNGTYVTEKG KFFLTWYSNK LLNHGDQILD EANKAFLGCK VKLAIKVSGI HWWYKVENHA AELTAGYYNL NDRDGYRPIA RMLSRHHAIL NFTCLEMRDS EQPSDAKSGP QELVQQVLSG GWREDIRVAG ENALPRYDAT AYNQIILNAK PQGVNNGPP KLSMFGVTYL RLSDDLQKS NFNIFKKFVL KMHADQDYCA NPQKYNHAIT PLKPSAPKIP IEVLLEATKP TLPFPWLPET DMKVDG
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	2-496
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.