



Recombinant Zea mays Beta-amylase (BM Y1)

Product Code	CSB-EP347564ZAX-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.	P55005
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MAGNALANYV QVYVMLPLDV ITVDNTFEKE DETRAQLKKL TEAGADGVMI DVWWGLVEGK EPGVYDWSAY RQVFKLVQEA GLKLQAIMSC HQCGGNVGDV VNIPIQWVR DVGKSNPDIF YTNRSGLTNI EYLT LGVDDQ PLFHGRTAIQ LYADYMK SFR ENMADFLDAG VVDIEVGLG PAGEMRYPSY PQSQGWVFPG VGEFICYDKY LQADFKAAAE EAGHPEWDL L DDAGTYNDTP EKTQFFADNG TYQTDKGKFF LTWYSNKL IKGDKILDEAN KVFLGCKVQL AIKVSGIHWY YNVPNHAAEL TAGYYNLDDR DGYRTIAHML TRHRASMNFT CAEMRDSEQS SEAKSAPEEL VQQVLSAGWR EGLNLACENA LNRYDATAYN TILRNARPQG INKNGPPEHK LHGFTYLRVS DELFQEQNYT TFKTFVRRMH ANLDYNPNVD PVAPLERSKA EIPIEEILEV AQP KLEPF PF DKD TDLPV
Source	E.coli
Target Names	BM Y1
Protein Names	Recommended name: Beta-amylase EC= 3.2.1.2 Alternative name(s): 1,4-alpha-D-glucan maltohydrolase
Expression Region	1-488
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 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.