



Recombinant Arabidopsis thaliana Beta-amylase 3, chloroplastic (BAM3)

Product Code	CSB-MP515812DOA
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.	O23553
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	E MKFTHEKTFT PEGETLEKWE KLVLSYPHS KNDASVPVFV MLPLDVTMS GHLNKPRAMN ASLMALKGAG VEGVMVDAAW GLVEKDGPMM YNWEGYAEI QMVQKHGLKL QVMSFHQCG GNVGDSCSIP LPPWVLEEIS KNPDLVYTDK SGRRNPEYIS LGCDSPVLR GRTPIQVYSD FMRSFRERFE GYIGGVIAEI QVGMGPCGEL RYPSYPESNG TWRFPGIGEF QCYDKYMKSS LQAYAESIGK TNWGTSGPHD AGEYKNLPED TEFFRRDGTW NSEYGKFFME WYSGKLEHG DQLLSSAKGI FQSGAKLSG KVAGIHWYHN TRSHAAELTA GYNTRNHDG YLPIAKMFNK HGVVLNFTCM EMKDGEQPEH ANCSPEGLVK QVQNATRQAG TELAGENALE RYDSSAFGQV VATNRSDSGN GLTAFTYLRM NKRLFEGQNW QQLVEFVKNM KEGGHGRRLS KEDTTGSDLY VGFVKGKIAE NVEEAALV
Source	Mammalian cell
Target Names	BAM3
Protein Names	Recommended name: Beta-amylase 3, chloroplastic EC= 3.2.1.2 Alternative name(s): 1,4-alpha-D-glucan maltohydrolase Beta-amylase 8 Chloroplast beta-amylase Short name= CT-BMY
Expression Region	50-548
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.



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