



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

<b>Product Code</b>	CSB-EP515812DOA-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	O23553
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	E MKFTHEKTFT PEGETLEKWE KLVLSYPHS KNDASVPV FV MLPLDVTMS GHLNKPRAMN ASLMALKGAG VEGVMVD AWW GLVEKDGP MN YNWEGYAEI QMVQKHGLKL QVMSFHQCG GNVGDSCSIP LPPWVLEEIS KNPDLVYTDK SGRRNPEYIS LGCDSPVLR GRTPIQVYSD FMRSFRERFE GYIGGVIAEI QVGMGPCGEL RYPSPESNG TWRFPGIGEF QCYDKYMKSS LQAYAESIGK TNWGTSGPHD AGEYKNLPED TEFFRRDGTW NSEYGKFFME WYSGKLEHG DQLLSSAKGI FQGS GAKLSG KVAGIHW HYN TRSHAAELTA GYNTRNHDG YLPIAKMFNK HGVVLNFTCM EMKDGEQPEH ANCSPEGLVK QVQNATRQAG TELAGENALE RYDSSAFGQV VATNRSDSGN GLTAFTYLRM NKRLFEGQNW QQLVEFVKNM KEGGHGRRLS KEDTTGSDLY VGFVKGKIAE NVEEAALV
<b>Source</b>	E.coli
<b>Target Names</b>	BAM3
<b>Protein Names</b>	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
<b>Expression Region</b>	50-548
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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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