



Recombinant Arabidopsis thaliana Beta-amylase 5 (BAM5)

Product Code	CSB-EP333113DOA-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.	P25853
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MATNYNEKLL LNYVPVYVML PLGVVNVENV FADPETLETQ LKRLKEEAGV DGVMVDVWWG IIESKGPKQY DWTAYKTLFQ LIARLGLKIQ AIMSFBHQCQG NVGDIVTIPI PQWVRDVGDN DPDIYYTNRK GTRDIEYLSI GVDNLPLFAG RTAVQLYSDY MSSFKENMAD LIEAGVIVDI EVGLGPAGEL RYPSYPQSQG WVFPGIGEFQ CYDKYLKDF KEAAAKAGHP EWDLPEDAGE YNDKPEETGF FKKDGTYVSE KGKFFMTWYS NKLIFHGDQI LGEANKIFAG LKVNLAAKVS GIHWLYNHHS HAAELTAGYY NLFKRDGYRP IARMLSKHYG ILNFTCLEMK DTDNTAEALS APQELVQEV LSKAWKEGIEV AGENALETYG AKGYNQILLN ARPNGVNPNG KPKLRLMYGFT YLRLSDTVFQ ENNFELFKKL VRKMHADQDY CGDAAKYGHE IVPLKTSNSQ LTLEDIADAA QPSGAFKWDS ETDLKVDG
Source	E.coli
Target Names	BAM5
Protein Names	Recommended name: Beta-amylase 5 Short name= AtBeta-Amy EC= 3.2.1.2 Alternative name(s): 1,4-alpha-D-glucan maltohydrolase Protein REDUCED BETA AMYLASE 1
Expression Region	1-498
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.