



# Recombinant Ipomoea batatas Beta-amylase (BMY1)

<b>Product Code</b>	CSB-BP318056INB
<b>Storage</b>	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
<b>Uniprot No.</b>	P10537
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Ipomoea batatas (Sweet potato) (Convolvulus batatas)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>APIPGVMPI GNYVSLYVML PLGVVNADNV FPDKEKVEDE LKQVKAGGCD  GVMVDVWWGI IEAKGPKQYD WSAYRELFQL VKKCGLKIQA IMSFHQCGGN  VGDAVFIPIP QWILQIGDKN PDIFYTNRAG NRNQEYLSLG VDNQRLFQGR  TALEMURDFM ESFRDNMADF LKAGDIVDIE VGCGAAGELR YPSYPETQGW  VFPGIGEFQC YDKYMVADWK EAVKQAGNAD WEMPGKGAGT  YNDTPDKTEF FRPNGTYKTD MGKFFLTWYS NKLIHGDQV LEEANKVFG  LRVNIAAKVS GIHWYNNHVS HAAELTAGFY NVAGRDRGYRP IARMLARHHA  TLNFTCLEMR DSEQPAEAKS APQELVQQVL SSGWKEYIDV AGENALPRYD  ATAYNQMLLN VRPNGVNLNG PPKLKMSGLT YLRLSDDLQ TDNFELFKKF  VKKMHADLDP SPNAISPAVL ERSNSAITID ELMEATKGSR PFPWYDVTDM  PVDGSNPFD</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	BMY1
<b>Protein Names</b>	Recommended name: Beta-amylase EC= 3.2.1.2 Alternative name(s): 1,4-alpha-D-glucan maltohydrolase
<b>Expression Region</b>	2-499
<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. 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.