



Recombinant *Drosophila melanogaster* Alpha-amylase B (Amy-d)

Product Code	CSB-EP305605DLU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P81641
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	<p> QF DTNYASGRSG MVHLFEWKWD DIAAECENFL GPNGYAGVQV SPVNAVAVKD SRPWWERYQP ISYKLETRSG NEEQFASMVK RCNAVGVRTY VDVVFNHMAA DGGTYGTGGS TASPSSKSYG VVPYSSLDNF PTCAISNYND ANEVRNCELV GLRDLNQGNS YVQDKVVEFL DHLIDLGVAG FRVDAAKHMW PADLAVIYGR LKNLNTDHGF ASGSKAYIVQ EVIDMGGEAI SKSEYTGGLA ITEFRHSDSI GKVFRGKDQL QYLTNWGTAW GFAASDRSLV FVDNHDNQRG HGAGGADVLT YKVPKQYKMA SAFMLAHPFG TPRVMSSFSF TDTDQGPPTT DGHNIASPIF NSDNSCSGGW VCEHRWRQIY NMVAFRNTVG SDEIQNWWDN GSNQISFSRG SRGFVAFNND NYDLNSSLQT GLPAGTYCDV ISGSKSGSSC TGKTVTVGSD GRASIYIGSS EDDGVLAIHV NAKL </p>
Source	E.coli
Target Names	Amy-d
Protein Names	Recommended name: Alpha-amylase B EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	19-494
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. 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.