



Recombinant *Drosophila mauritiana* Alpha-amylase A (Amy-d)

Product Code	CSB-EP346928DLT-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.	P54215
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila mauritiana</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	QF DTNYASGRSG MVHLFEWKWD DIAAECENFL GPNGFAGVQV SPVNAVND SRPWWERYQP ISYKLETRSG NEQQFASMVK RCNAVGVRIY VDVIFNHMAA DGGTYGTGGS TASPSSKSYP GVPYSSLDNFN PTCAINNYND ANQVRNCELV GLRDLNQQNS YVQDKVVEFL DHLIDLGVAG FRVDAAKHMW PADLAVIYGR LKNLNTDHGF ASGSKAYIVQ EVIDMGGEAI SKSEYTGGLA ITEFRHSDSI GKVFRGKDQL QYLTNWGTAW GFAASDRSLV FVDNHDNQRG HGAGGADVLT YKVPKQYKMA SAFMLAHPFG TPRVMSSFSF SDTDQGPPTT DGHNIASPVF NSDNCSGGW VCEHRWRQIY NMVAFRNTVG SDAIQNWWDN GSNQISFSRG SRGFVAFNND NYDLNSSLQT GLPAGTYCDV ISGSKSGSSC TGKTVSVGSD GRASIYIGSS EDDGVLAIHV NAKL
Source	E.coli
Target Names	Amy-d;
Protein Names	Recommended name: Alpha-amylase A 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.