



Recombinant *Drosophila yakuba* Alpha-amylase A (Amy-p)

Product Code	CSB-EP306688DMR
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P83833
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila yakuba</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	<p>QF DTNYASGRSG MVHLFEWKWD DIAAECENFL GPNGFAGVQV SPVNENAVKD SRPWWERYQP ISYKLETRSG NEQQFASMVK RCNAVGVRTY VDVVFNHMAA DGGTYGTGGG TASPSTKSFP GVPYSSLDNF PTCSINNYND ANQVRNCELV GLRDLNQGNS YVQDKVVEFL DHLIDLGVAG FRVDAAKHMW PADLAVIYGR LKTLNTDHGF NSGSKAYIVE EVIDMGGEAI SKSEYTGLGA VTEFRHSDSI GKVFRGKDQL QYLTNWGTAW GFAASDRSLV FVDNHDNQRG HGAGGADVLT YKVPKQYKMA SAFMLAHPFG TPRVMSSFSF SDTDQGPPTT DGHNIASPVF NSDNSCSGGW VCEHRWRQIY NMVAFRNAV GSDAIQNWWDN GSNQIAFSRG SRGFVAFNND NYDLNSSLQT GLPAGTYCDV ISGSKSGSSC TGKTVSVGSD GRASIYLGSS EDDGVLAIHV NAKL</p>
Source	E.coli
Target Names	Amy-p
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.