



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

<b>Product Code</b>	CSB-YP306688DMR
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P83833
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Drosophila yakuba</i> (Fruit fly)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>QF DTNYASGRSG MVHLFEWKWD DIAAECENFL GPNGFAGVQV            SPVNENAVKD SRPWWERYQP ISYKLETRSG NEQQFASMVK            RCNAVGVRTY VDVVFHMAA DGGTYGTGGG TASPSTKSFP GVPYSSLDNF            PTCSINNYND ANQVRNCELV GLRDNLQGNS 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>
<b>Source</b>	Yeast
<b>Target Names</b>	Amy-p
<b>Protein Names</b>	Recommended name: Alpha-amylase A EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
<b>Expression Region</b>	19-494
<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.