



# Recombinant *Drosophila yakuba* Alpha-amylase B (Amy-d)

<b>Product Code</b>	CSB-MP861059DMR
<b>Abbreviation</b>	Amy-d
<b>Storage</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.
<b>Uniprot No.</b>	Q9BN01
<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                      SPVNAVVDK SRPWWERYQP ISYKLETRSG NEQQFASMVK                      RCNAVGVRTY VDVVFHMAA DGGTYGTGGS TASPSTKSFP GVPYSSLDNF                      PTCSINNYND ANQVRNCELV GLRDLNQGNS YVQDKVVEFL DHLIDLGVAG                      FRVDAAKHMW PADLAVIYGR LKTLNTDHGF NSGSKAYIVQ EVIDMGGEAI                      SKSEYTLGA 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>	Mammalian cell
<b>Target Names</b>	Amy-d
<b>Protein Names</b>	Recommended name: Alpha-amylase B 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.