



Recombinant *Drosophila ananassae* Alpha-amylase 1 (Amy35)

Product Code	CSB-YP636537DKY
Abbreviation	Amy35
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.	Q23835
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila ananassae</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	QF NTNYASGRSG MVHLFEWKWD DIAAECENFL GPYGYAGVQV SPVNENAVKD SRPWWERYQP ISYKLVTRSG NEEQFASMVR RCNNVGVRIY VDVVFNHMAA NGGTGTGGGS TASPSSKSYG VVPFSSLDFN PTCAISNYND ANQVRNCELV GLRDLNQGNS YVQEKIVEFL NHLIDLGVAG FRVDAAKHMW PADLGVIIYGS LKNLNTDHGF ESGAKAYIVQ EVIDMGGEAI SKSEYTGGLA ITEFRHSDSI GKAFRGKNQL QYLVNWGVSW GFAASDRSLV FVDNHDNQRG HGAGGADVLT YKVPKQYKMA SAFMLAHPFG TPRVMSSFSF TDTDQGPPTT DGQNIASPSF NSDNSCSGGW VCEHRWKQIY NMVGFRNAV SDAIQNWWDN GSNQIAFSRG SKGFVAFNND NYDLNSSVQT GLPAGTYCDV ISGSKSGSSC TGKTVTVGSD GRANISIGSS EDDGVLAIHV NAKL
Source	Yeast
Target Names	Amy35
Protein Names	Recommended name: Alpha-amylase 1 EC= 3.2.1.1
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.