



Recombinant *Drosophila ananassae* Alpha-amylase 2 (Amy58)

Product Code	CSB-EP515721DKY-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.	O18345
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila ananassae</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	<p>QF NTNYASGRSG MVHLFEWKWD DIAAECENFL GPYGYAGVQV SPVNAVVDK SRPWWERYQP ISYKLVTRSG NEEQFASMVR RCNNVGVRIY VDVVFNHMAA DGGTYGTGGS TASPSSKSYG GVPFSSLDNF PTCAISNYND ANQVRNCELV GLRDLNQQNS YVQEKIVEFL NHLIDLGVAG FRVDAAKHMW PADLGVIIYS LKNLNTDHGF ESGAKAYIVQ EVIDMGGEAI SKSEYTLGA ITEFRHSDSI GKAFRGKNQL QYLVNWGVSF GFAASDRSLV FVDNHDNQRG HGAGGADVLT YKVPKQYKMA SAFMLAHPFG TPRVMSSFSF TDTDQGPPTT DGQNIASPSF NSDNSCSGGW VCEHRWKQIY NMVGFRNAVQ SDAIQNWWDN GSNQIAFSRG SKGFVAFNND NYDLNSSVQT GLPAGTYCDV ISGSKSGSSC TGKTVTVGSD GRANISIGSS EDDGVLAIHV NAKL</p>
Source	E.coli
Target Names	Amy58
Protein Names	Recommended name: Alpha-amylase 2 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.