



Recombinant *Drosophila kikkawai* Alpha-amylase-related protein (Amyrel)

Product Code	CSB-EP524931DLP-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.	O77013
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila kikkawai</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	QHNPQWWGNR NTIVHLFEWK WSDIAEECET FLAPRGFAGV QVSPVNENII SAGRPWWERY QPISYKLTTR SGNEEFADM VRRCDNVGIR IYVDVLLNHM SGDFDGVAVG TAGTEAEPSK KSFPGVPIYSA QDFHPSCEIT DWNDRFQVQQ CELVGLKDLN QHSDYVRSKL IEFDLHLIEL GVAGFRVDAK KHMAAEDLEY IYGSLNLNI EHGFPNARP FIFQEVIDHG HETVSREEYN GLGAVTEFRF SEEIGNAFRG NNALKWLQSW GTDWGFLSSE QALTFVDNHD NQRDMGSVLN YKSPRQYKMA TAFHLAYPYG ISRVMSFAF DDHDTPPPQD AQENIISPEF DDDGACVNGW ICEHRWRQIY AMVGFKNAVR DTQLSEWWDN GDNQISFCRG NKGFLAVNNN QYDLSQELNT CLPAGEYCDV ISGSLIDGAC TGKSVTVNEH GYGYIHIGSD DFDGVLALHV NAKV
Source	E.coli
Target Names	Amyrel
Protein Names	Recommended name: Alpha-amylase-related protein EC= 3.2.1.1
Expression Region	21-494
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.