



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

Product Code	CSB-EP872403DEAJ
Abbreviation	Amyrel
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.	Q9GQV3
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila jambulina</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	QHNPQWWGNR NTIVHLFEWK WSDIAEECET FLAPRGFAGV QVSPVNENII SAGRPWWERY QPISYKLTTR SGNEEEFADM VRRRCNDVGIR IYVDVLLNHM SGDFDGVAVG TAGTEAEPSK KSFPGVPYTA QDFHPSCEIT DWNNRFQVQE CELVGLKDLN QHSDYVRSKL IEFDLHLIEL GVAGFRVDAA KHMAAEDLEY IYGSLSNLNI EHGFPNARP FIFQEVIDHG HETVSREEYN QLGAVTEFRF SEEIGKAFRG NNALKWLQSW GTDWGFLNSE QALTFVDNHD NQRDQGSVLN YKSPKQYKMA TAFHLAYPYG ISRVMSFFAF DDHDTPPPQD AQENIISPEF DEDGACVNGW ICEHRWRQIY AMVGFKNAVR DTELTGWWDN GDNQISFCRG NKGFLAVNNN LYDLSQELNT CLPAGEYCDV ISGSLIDGAC TGKSVTVNEY GYGIIHIGSD 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.