



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

Product Code	CSB-EP522728DML-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.	O18420
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila subobscura</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	QHNPHWWGNR NTIVHLFEWQ WEDIAEECEN FLGPRGFAGV QVSPANENIV SPGRPWWERY QPISYKLITR SGDEEQFADM VRRCNVDGVR IYVDVLLNHM SADFYGQAVG TAGTEADPAT KSFPGVPYTA EDFHPSCQIY DWNDRFQIQQ CELVGLKDLQ QSRDHVRTKL IEFDLHLIEL GVAGFRVDAK KHMASEDLEF IYGSLSDLKT EHGFPHNARP FIFQEVIDHG GQEVTREEYN SLGAVTEFRF WQEIGNAFRG NNAFKWLQSW GTDWGFFSSG QAFTFVDNHD NQRDGGAVLT YKIPRQYKMA TAFHLAYPYG ISRVMSSFAF DDHDSAPPQN AQEQLISPEF DSDGACVNGW ICEHRWRQIY NMVGFKNAVR DTPVTNWWDN GDSQIAFCRG SKGFIAINNN LYDLAETLQT CLPAGVYCDV ISGDLIHGSC SGKSVTVGND GRAFVSIGSN DFDGVLAIHV DAKL
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.