Alpha-Amylase-Related Protein (AMYREL) Drosophila Varians Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-amylase-related protein (Amyrel), Recombinant Protein
Full Product Name	Recombinant Drosophila varians Alpha-amylase-related protein (Amyrel)
Product Gene Name	Amyrel recombinant protein
Product Synonym Names	Alpha-amylase-related protein; EC=3.2.1.1
Sequence	QHNPHWWGNR NTIVHLFEWK WDDIAAECEN FLGPHGFAGV QVSPVNENII SSGRPWWERY QPISYKLTTR SGDEQDFGDM VRRCNDVGVR IYVDVLLNHM SGDFDGVAVG TAGTEAEPSK KSFPGVPYSA QDFHPSCEIT DWNDRFQVQQ CELVGLKDLD QSSDWVRSKL IEFLDHLIEL GVAGFRVDAA KHMAADDLSY IYSSLSDLST EHGFPHNARP FIFQEVIDHG HETVSREEYN TLGAVTEFRF SEEIGNAFRG NNALKWLQSW GTGWGFLPSG QALTFVDNHD NQRDMGAVLN YKSPKQYKMA TAFHLAYPYG ISRVMSSFAF DDHDTAPPQD AQERIISPEF DAEGACVNGW ICEHRWRQIY AMVGFKNAVR DTELSNWWDN GDSQISFCRG NKGFLAVNNN LYDLSQDLQT CLPAGVYCDV ISGSLVDGSC TGKSVTVDSN GYGYVHIGSD DFDGVLALHV DAKV
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	55,213 Da
Sequence Positions	21-494aa; full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9NJN7
Species	Drosophila varians (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Amyrel recombinant protein	MBS1435930 is a recombinant protein targeting Amyrel. Also known as Recombinant Drosophila varians Alpha-amylase-related protein (Amyrel). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Amyrel recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Amyrel. It may not necessarily be applicable to this product.

NCBI GI #	17865447
NCBI Accession #	Q9NJN7.1
UniProt Primary Accession #	Q9NJN7
NCBI Official Full Name	Alpha-amylase-related protein

UniProt Protein Name	Alpha-amylase-related protein
Protein Family	Alpha-amylase-related protein
UniProt Gene Name	Amyrel
UniProt Entry Name	AMYR_DROVA
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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