Enolase-Phosphatase E1 (GF16066) Drosophila Ananassae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Enolase-phosphatase E1 (GF16066), Recombinant Protein
Full Product Name	Recombinant Drosophila ananassae Enolase-phosphatase E1 (GF16066)
Product Gene Name	GF16066 recombinant protein
Sequence	MTAEKREAKV VLVDIEGTTT SISFVHQVLF PHAKENVEKY LKEYWENEET KQIVEDLQQV PQYADYQATL SAPPAVVDVK VIAGFVRYLI DKDLKVTPMK TLQGLIWACG YASGELKGHV YEDVPDAFRA WQKAGLRIAV YSSGSVDAQK LIFGYSVAGN LLPYLSDHFD THVGHKQEQQ SYVNISNSLR EKPQNILFLT DIPGEASAAL SAGLQTIILH RPGNGPLSDD QKSNYEVIPD FKSLYSLQLP QK
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	28,142 Da
Sequence Positions	1-252, 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 B3M173
Species	Drosophila ananassae (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GF16066 recombinant protein	MBS1161246 is a recombinant protein targeting GF16066. Also known as Recombinant Drosophila ananassae Enolase-phosphatase E1 (GF16066). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GF16066 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 GF16066. It may not necessarily be applicable to this product.

NCBI GI #	194746635
NCBI GeneID	6498863
NCBI Accession #	XP_001955782.1
UniProt Primary Accession #	B3M173
UniProt Related Accession #	B3M173
GenBank Nucleotide #	XM_001955746.2

NCBI Official Full Name	uncharacterized protein Dana_GF16066
NCBI Official Symbol	DanaGF16066
NCBI Official Synonym Symbols	dana_GLEANR_17342; GF16066
UniProt Protein Name	Enolase-phosphatase E1
UniProt Synonym Protein Names	2,3-diketo-5-methylthio-1-phosphopentane phosphatase
UniProt Gene Name	GF16066
NCBI Protein Information	GF16066 gene product from transcript GF16066-RA
UniProt Comments for GF16066	Bifunctional enzyme that catalyzes the enolization of 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P) into the intermediate 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate (HK-MTPenyl-1-P), which is then dephosphorylated to form the acireductone 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).
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