Putative Mrna-Decapping Protein (Mimi_l375) (MIMI_L375) Acanthamoeba Polyphaga Mimivirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative mRNA-decapping protein (MIMI_L375), Recombinant Protein
Full Product Name	Recombinant Acanthamoeba polyphaga mimivirus Putative mRNA-decapping protein (MIMI_L375)
Product Gene Name	MIMI_L375 recombinant protein
Product Synonym Gene Name	MIMI_L375
Sequence	MEYETNFRKK HICSNCGRSG HEFRNCIEPI TSYGIINVCI SDEYNESMII KDKFCTKKNT YYRVSSRKHP EISCFISNHI RVRDHENMYK LDNEMIPYRS NEDIHKFCYY KNRILFMMVS RRFSLGFIEF IRGKYDVSDT KSIINLFQHM YEHEIKFINK NRYKYDNILY HFLNRNNEPK KIVLNRIYEG KYSNEYCEAK IKFNMLLNSS NEENNNIPVY LEFYIKHIKP KWKSPEWGFP KGRRDKRSEE NMVCACREFE EETGYKKSDY SVLNKIEPIE EKLTGTNGVN YKHIYYLAIN NCDINSDLTD YDTYEIGEIK WFTYDEAMAR IRPYHIEKKR ILTRVYLFIL NYLIHNINNT
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	43,662 Da
Sequence Positions	1-360, 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 Q5UQW2
Species	Acanthamoeba polyphaga mimivirus (APMV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MIMI_L375 recombinant protein	MBS1416609 is a recombinant protein targeting MIMI_L375. Also known as Recombinant Acanthamoeba polyphaga mimivirus Putative mRNA-decapping protein (MIMI_L375). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MIMI_L375 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 MIMI_L375. It may not necessarily be applicable to this product.

NCBI GI #	311977760
NCBI GeneID	9924996

NCBI Accession #	YP_003986880.1
UniProt Primary Accession #	Q5UQW2
UniProt Related Accession #	Q5UQW2
GenBank Nucleotide #	NC_014649.1
NCBI Official Full Name	putative diphosphoinositol polyphosphate phosphohydrolase
NCBI Official Symbol	L375
UniProt Protein Name	Putative mRNA-decapping protein
UniProt Synonym Protein Names	Diphosphoinositol polyphosphate phosphohydrolase (EC:3.6.1.52); DIPP
Protein Family	Putative mRNA-decapping protein
UniProt Gene Name	MIMI_L375
UniProt Synonym Gene Names	DIPP
NCBI Protein Information	putative diphosphoinositol polyphosphate phosphohydrolase
UniProt Comments for MIMI_L375	Might function as a decapping enzyme required for the removal of the 5'-end m7GpppN cap tethered to viral and host mRNAs to allow their decay in cells. In addition to the mRNA cap, probably also efficiently hydrolyzes diphosphoinositol polyphosphates ().
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