Guanylate Kinase-Associated Protein Mars (mars) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Guanylate kinase-associated protein mars (mars), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Guanylate kinase-associated protein mars (mars), partial
Product Gene Name	mars recombinant protein
Product Synonym Gene Name	mars
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	101,946 Da
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 Q7K3L1
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mars recombinant protein	MBS1338472 is a recombinant protein targeting mars. Also known as Recombinant Drosophila melanogaster Guanylate kinase-associated protein mars (mars), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mars 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 mars. It may not necessarily be applicable to this product.

NCBI GI #	281363311
NCBI GeneID	36498
NCBI Accession #	NP_001163142.1
UniProt Primary Accession #	Q7K3L1
UniProt Related Accession #	Q7K3L1
GenBank Nucleotide #	NM_001169671.2
NCBI Official Full Name	mars, isoform B
NCBI Official Symbol	mars

NCBI Official Synonym Symbols	CG17064; D-HURP; dhrp/gkap; DmelCG17064; gkap; HURP; Mars
UniProt Protein Name	Guanylate kinase-associated protein mars
Protein Family	Guanylate kinase-associated protein
UniProt Gene Name	mars
UniProt Synonym Gene Names	gkap
NCBI Protein Information	CG17064 gene product from transcript CG17064-RD
UniProt Comments for mars	Cell cycle regulator.
Research Articles on mars	**1.** mars and tlk function in parallel and a balance between mars activity and tlk activity is required for cells to progress through mitosis correctly, thus ensuring chromosome fidelity
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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