Molybdenum Cofactor Sulfurase (mal) Drosophila Pseudoobscura Pseudoobscura Recombinant Protein

PRODUCT OVERVIEW

Product Name	Molybdenum cofactor sulfurase (mal), Recombinant Protein
Full Product Name	Recombinant Drosophila pseudoobscura pseudoobscura Molybdenum cofactor sulfurase (mal), partial
Product Gene Name	mal recombinant protein
Product Synonym Gene Name	mal
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	88,401 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 Q29GM0
Species	Drosophila pseudoobscura pseudoobscura (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mal recombinant protein	MBS1465969 is a recombinant protein targeting mal. Also known as Recombinant Drosophila pseudoobscura pseudoobscura Molybdenum cofactor sulfurase (mal), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mal 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 mal. It may not necessarily be applicable to this product.

NCBI GI #	969505428
NCBI GeneID	4815144
NCBI Accession #	XP_001355033.3
UniProt Primary Accession #	Q29GM0
GenBank Nucleotide #	XM_001354997.3
NCBI Official Full Name	uncharacterized protein Dpse_GA14218
NCBI Official Symbol	DpseGA14218
NCBI Official Synonym Symbols	dpse_GLEANR_1183; GA14218; mal

UniProt Protein Name	Molybdenum cofactor sulfurase
UniProt Synonym Protein Names	Molybdenum cofactor sulfurtransferase
Protein Family	Myelin and lymphocyte protein
UniProt Gene Name	mal
UniProt Synonym Gene Names	MCS; MOS; MoCo sulfurase; Ma-l
NCBI Protein Information	GA14218 gene product from transcript GA14218-RA
UniProt Comments for mal	Sulfurates the molybdenum cofactor. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form.
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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