Probable Methylmalonate-Semialdehyde Dehydrogenase [Acylating], Mitochondrial (CG17896) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial (CG17896), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial (CG17896)
Product Gene Name	CG17896 recombinant protein
Product Synonym Names	Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial; MMSDH; Malonate-semialdehyde dehydrogenase [acylating]; EC=1.2.1.18; EC=1.2.1.27
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	55,033 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 Q7KW39
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CG17896 recombinant protein	MBS1347193 is a recombinant protein targeting CG17896. Also known as Recombinant Drosophila melanogaster Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial (CG17896). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CG17896 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 CG17896. It may not necessarily be applicable to this product.

NCBI GI #	24638876
NCBI GeneID	30995
NCBI Accession #	NP_569845.2
UniProt Primary Accession #	Q7KW39
UniProt Secondary Accession #	O46056; Q8T9I0; Q9V408

UniProt Related Accession #	Q7KW39
GenBank Nucleotide #	NM_130489.3
NCBI Official Full Name	CG17896, isoform B
NCBI Official Symbol	CG17896
NCBI Official Synonym Symbols	153323_at; DmelCG17896; EG:171D11.1
UniProt Protein Name	Probable methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
UniProt Gene Name	CG17896
UniProt Synonym Gene Names	MMSDH; Malonate-semialdehyde dehydrogenase [acylating]
UniProt Entry Name	MMSA_DROME
NCBI Protein Information	CG17896 gene product from transcript CG17896-RB; CG17896-PA; CG17896-PB
UniProt Comments for CG17896	Plays a role in valine and pyrimidine metabolism. Binds fatty acyl-CoA ().
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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