Malate Dehydrogenase, Mitochondrial (MMDH) Citrullus Lanatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Malate dehydrogenase, mitochondrial (MMDH), Recombinant Protein
Full Product Name	Recombinant Citrullus lanatus Malate dehydrogenase, mitochondrial (MMDH)
Product Gene Name	MMDH recombinant protein
Sequence	ATESVPERKV AVLGAAGGIG QPLALLMKLN PLVSKLALYD IAGTPGVAAD VGHVNTRSEV TGYVGEEQLG KALEGSDVVI IPAGVPRKPG MTRDDLFNIN AGIVKSLCTA IAKYCPNALI NMISNPVNST VPIAAEVFKK AGTYDEKKLF GVTTLDVVRA KTFYAGKANV PVAEVNVPVI GGHAGITILP LFSQATPRAN LSDDTIVALT KRTQDGGTEV VEAKAGKGSA TLSMAYAGAL FADACLKGLN GVPDVVECSF VQSTVTELPF FASKVKLGKN GVESVLDLGP LSDFEKEGLE KLKPELKASI EKGIQFANAN
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	36,201 Da
Sequence Positions	28-347, 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 P17783
Species	Citrullus lanatus (Watermelon) (Citrullus vulgaris)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MMDH recombinant protein	MBS1251458 is a recombinant protein targeting MMDH. Also known as Recombinant Citrullus lanatus Malate dehydrogenase, mitochondrial (MMDH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MMDH 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 MMDH. It may not necessarily be applicable to this product.

NCBI GI #	126896
NCBI Accession #	P17783.1
UniProt Primary Accession #	P17783
NCBI Official Full Name	Malate dehydrogenase, mitochondrial
UniProt Protein Name	Malate dehydrogenase, mitochondrial
UniProt Gene Name	MMDH

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