Malate Dehydrogenase (mdh) Acinetobacter Baumannii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Malate dehydrogenase (mdh), Recombinant Protein
Full Product Name	Recombinant Acinetobacter baumannii Malate dehydrogenase (mdh)
Product Gene Name	mdh recombinant protein
Sequence	MKQPVRVAVT GAAGQIGYSL LFRIASGEML GKDQPVILQL LEVPVEKAQQ ALKGVMMELD DCAFPLLAGM IGTDDPKVAF KDADYALLVG SRPRGPGMER ADLLKVNGEI FIGQGQALNE VASRDVKVLV VGNPANTNAY IAMKSAPDLP AKNFTAMLRL DHNRALTQVA QKAGVAVADI EKLTVWGNHS PTMYADYRFA TANGESLKDK INDPAWNKDV FLPTVGKRGA AIIEARGLSS AASAANAAID HMRDWALGTN GKWVTMGVPS DGSYGIPEGV MFGFPVTTEN GEYKIVQGLE IDEFSRERIN FTLNELEEER AAIADMVK
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	35,323 Da
Sequence Positions	1-328, Full length
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 B0V6R7
Species	Acinetobacter baumannii (strain AYE)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mdh recombinant protein	MBS1238344 is a recombinant protein targeting mdh. Also known as Recombinant Acinetobacter baumannii Malate dehydrogenase (mdh). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mdh 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 mdh. It may not necessarily be applicable to this product.

NCBI GI #	446735750
NCBI Accession #	WP_000813006.1
UniProt Primary Accession #	B0V6R7
GenBank Nucleotide #	WP_000813006.1
NCBI Official Full Name	MULTISPECIES: malate dehydrogenase
UniProt Protein Name	Malate dehydrogenase

Protein Family	L-2-hydroxycarboxylate dehydrogenase
UniProt Gene Name	mdh
UniProt Comments for mdh	Catalyzes the reversible oxidation of malate to oxaloacetate.
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