Probable Malate:quinone Oxidoreductase (mqo) Escherichia Coli O139:h28 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable malate:quinone oxidoreductase (mqo), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O139:H28 Probable malate:quinone oxidoreductase (mqo)
Product Gene Name	mqo recombinant protein
Sequence	MKKVTAMLFS MAVGLNAVSM AAKAKASEEQ ETDVLLIGGG IMSATLGTYL RELEPEWSMT MVERLEGVAQ ESSNGWNNAG TGHSALMELN YTPQNADGSI SIEKAVAINE AFQISRQFWA HQVERGVLRT PRSFINTVPH MSFVWGEDNV NFLRARYAAL QQSSLFRGMR YSEDHAQIKE WAPLVMEGRD PQQKVAATRT EIGTDVNYGE ITRQLIASLQ KKSNFSLQLS SEVRALKRND DNTWTVTVAD LKNGTAQNIR AKFVFIGAGG AALKLLQESG IPEAKDYAGF PVGGQFLVSE NPDVVNHHLA KVYGKASVGA PPMSVPHIDT RVLDGKRVVL FGPFATFSTK FLKNGSLWDL MSSTTTSNVM PMMHVGLDNF DLVKYLVSQV MLSEEDRFEA LKEYYPQAKK EDWRLWQAGQ RVQIIKRDAE KGGVLRLGTE VVSDQQGTIA ALLGASPGAS TAAPIMLDLL EKVFGDRVSS PQWQATLKAI VPSYGRKLNG DVAATERELQ YTSEVLGLKY DKPQAADSTP KPQLKPQPVQ KEVADIAL
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	60,245 Da
Sequence Positions	1-548, 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 A7ZP32
Species	Escherichia coli O139:H28 (strain E24377A / ETEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mqo recombinant protein	MBS1166189 is a recombinant protein targeting mqo. Also known as Recombinant Escherichia coli O139:H28 Probable malate:quinone oxidoreductase (mqo). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mqo 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 mqo. It may not necessarily be applicable to this product.

NCBI GI #	446680728
NCBI Accession #	WP_000758074.1
UniProt Primary Accession #	A7ZP32

GenBank Nucleotide #	WP_000758074.1
NCBI Official Full Name	MULTISPECIES: malate:quinone oxidoreductase
UniProt Protein Name	Probable malate:quinone oxidoreductase
UniProt Synonym Protein Names	MQO
Protein Family	Malate:quinone oxidoreductase
UniProt Gene Name	mqo
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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