Uncharacterized Oxidoreductase Msmeg_2407 (Msmeg_2407) (MSMEG_2407) Mycobacterium Smegmatis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized oxidoreductase MSMEG_2407 (MSMEG_2407), Recombinant Protein
Full Product Name	Recombinant Mycobacterium smegmatis Uncharacterized oxidoreductase MSMEG_2407 (MSMEG_2407)
Product Gene Name	MSMEG_2407 recombinant protein
Sequence	MTASHGQAAA IPTVTLNDDN TLPVVGIGVG ELSDSEAERS VSAALEAGYR LIDTAAAYGN EAAVGRAIAA SGIPRDEIYV TTKLATPDQG FTSSQAAARA SLERLGLDYV DLYLIHWPGG DTSKYVDSWG GLMKVKEDGI ARSIGVCNFG AEDLETIVSL TYFTPAVNQI ELHPLLNQAA LREVNAGYNI VTEAYGPLGV GRLLDHPAVT AIAEAHGRTA AQVLLRWSIQ LGNVVISRSA NPERIASNLD VFGFELTADE METLNGLDDG TRFRPDPATY TGS
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	29,949 Da
Sequence Positions	1-283, 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 A0QV09
Species	Mycobacterium smegmatis (strain 700084 / mc(2)155)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MSMEG_2407 recombinant protein	MBS1225756 is a recombinant protein targeting MSMEG_2407. Also known as Recombinant Mycobacterium smegmatis Uncharacterized oxidoreductase MSMEG_2407 (MSMEG_2407). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MSMEG_2407 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 MSMEG_2407. It may not necessarily be applicable to this product.

NCBI GI #	489990715
NCBI Accession #	WP_003893772.1
UniProt Primary Accession #	A0QV09
UniProt Secondary Accession #	I7G850

GenBank Nucleotide #	WP_003893772.1
NCBI Official Full Name	2,5-diketo-D-gluconic acid reductase
UniProt Protein Name	Uncharacterized oxidoreductase MSMEG_2407/MSMEI_2346
UniProt Gene Name	MSMEG_2407
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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