Putative S-Adenosyl-L-Methionine-Dependent Methyltransferase Msmeg_1481 (Msmeg_1481) (MSMEG_1481) Mycobacterium Smegmatis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative S-adenosyl-L-methionine-dependent methyltransferase MSMEG_1481 (MSMEG_1481), Recombinant Protein
Full Product Name	Recombinant Mycobacterium smegmatis Putative S-adenosyl-L-methionine-dependent methyltransferase MSMEG_1481 (MSMEG_1481)
Product Gene Name	MSMEG_1481 recombinant protein
Sequence	MARTDTDSWD LASSVGATAT MVAAARAIAS TEPNALIDDP YAADLVRKVG LEFFTKLVDG DIALDGDDAA AAGLMVSMMA VRTRFFDDFF CDAAGAGIRQ SVILAAGLDS RAYRLGWPAG TVVYEIDQPR VIEAKTAAMA EIGASPTAER RTVAVDLRDD WPAALRAAGF DAATPTAWIA EGLLVYLPPE AQDRLFDNIT ALSARGSRLA TEYHPDITST LRGRGQAMSE RWRDHGFDVD LSDLWYGGDR NAADEYLAGH GWQVSTRPRP EVFAAYGRTF PDLTLTGDDN AAMRQSVAIT ATRS
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	32,703 Da
Sequence Positions	1-304, 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 A0QSH5
Species	Mycobacterium smegmatis (strain 700084 / mc(2)155)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MSMEG_1481 recombinant protein	MBS1254165 is a recombinant protein targeting MSMEG_1481. Also known as Recombinant Mycobacterium smegmatis Putative S-adenosyl-L-methionine-dependent methyltransferase MSMEG_1481 (MSMEG_1481). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MSMEG_1481 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_1481. It may not necessarily be applicable to this product.

NCBI GI #	489989811
NCBI Accession #	WP_003892868.1
UniProt Primary Accession #	A0QSH5

UniProt Secondary Accession #	I7FGE8
GenBank Nucleotide #	WP_003892868.1
NCBI Official Full Name	SAM-dependent methyltransferase
UniProt Protein Name	Putative S-adenosyl-L-methionine-dependent methyltransferase MSMEG_1481/MSMEI_1445
Protein Family	Putative S-adenosyl-L-methionine-dependent methyltransferase
UniProt Gene Name	MSMEG_1481
UniProt Comments for MSMEG_1481	Exhibits S-adenosyl-L-methionine-dependent methyltransferase activity.
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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