GDP-Mannose Mannosyl Hydrolase (gmm) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDP-mannose mannosyl hydrolase (gmm), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi GDP-mannose mannosyl hydrolase (gmm)
Product Gene Name	gmm recombinant protein
Product Synonym Gene Name	gmm
Sequence	MFLRQEDFAA VVRTTPLISL DFIVENGQGE ILLGQRLNRP AQGYWFVPGG RVCKDETLEA AFARLTQAEL GVRLPLAAGT FYGVWQHFYD DNFSSEDFST HYIVLGFRLR VAESDLRLPD AQHGSYRWLT PEQLLAGDNV HENSRAYFSP DAPAVGL
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	17,680 Da
Sequence Positions	1-157, 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 Q8Z5H2
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gmm recombinant protein	MBS1483772 is a recombinant protein targeting gmm. Also known as Recombinant Salmonella typhi GDP-mannose mannosyl hydrolase (gmm). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gmm 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 gmm. It may not necessarily be applicable to this product.

NCBI GI #	16761038
NCBI GeneID	1248652
NCBI Accession #	NP_456655.1
UniProt Primary Accession #	Q8Z5H2
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	O-antigen biosynthesis protein

NCBI Official Symbol	STY2319
NCBI Official Synonym Symbols	wcaH; yefC
UniProt Protein Name	GDP-mannose mannosyl hydrolase
Protein Family	GDP-mannose mannosyl hydrolase
UniProt Gene Name	gmm
UniProt Synonym Gene Names	GDPMH
NCBI Protein Information	O-antigen biosynthesis protein
UniProt Comments for gmm	Hydrolyzes GDP-mannose.
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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