Phosphoribosylformylglycinamidine Cyclo-Ligase (purM) Novosphingobium Aromaticivorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosylformylglycinamidine cyclo-ligase (purM), Recombinant Protein
Full Product Name	Recombinant Novosphingobium aromaticivorans Phosphoribosylformylglycinamidine cyclo-ligase (purM)
Product Gene Name	purM recombinant protein
Product Synonym Gene Name	purM
Sequence	MSDEQNKPES YSYAKAGVNI AAGNALVKAI GPLAKSTARP GADAELGGFG GFFDLKAAGY NDPLLVAGND GVGTKVKLAI DHDRHDQIGI DLVAMCVNDL IVQGAEPLFF LDYFATGRLD NGVAERVVAG IADGCKLAGC ALIGGETAEM PGMYADGDYD LAGFCVGAVE RGEQLTGDRV AEGDVLLGLA SSGVHSNGYS LVRRLAADKG WKLDRPALFD NERLLIDYLI EPTRIYVKSL LPFIRSGRIN ALAHITGGGL LENVPRVLPR GLHARIDADS WEQSRLMAFL QAQGNIEPEE MARTFNCGIG MILAVNPAQA DALAADLAAA GETVYRVGTI VKGEKGCTVT GSAETWSARS AWEATHIG
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	38,765 Da
Sequence Positions	1-368, 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 Q2G9X9
Species	Novosphingobium aromaticivorans (strain DSM 12444)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purM recombinant protein	MBS1436498 is a recombinant protein targeting purM. Also known as Recombinant Novosphingobium aromaticivorans Phosphoribosylformylglycinamidine cyclo-ligase (purM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of purM 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 purM. It may not necessarily be applicable to this product.

NCBI GI #	499763824
NCBI Accession #	WP_011444558.1
UniProt Primary Accession #	Q2G9X9

GenBank Nucleotide #	WP_011444558.1
NCBI Official Full Name	MULTISPECIES: phosphoribosylformylglycinamidine cyclo-ligase
UniProt Protein Name	Phosphoribosylformylglycinamidine cyclo-ligase
UniProt Synonym Protein Names	AIR synthase
Protein Family	Phosphoribosylformylglycinamidine cyclo-ligase
UniProt Gene Name	purM
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