Phosphoribosylformylglycinamidine Cyclo-Ligase (purM) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosylformylglycinamidine cyclo-ligase (purM), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Phosphoribosylformylglycinamidine cyclo-ligase (purM)
Product Gene Name	purM recombinant protein
Product Synonym Gene Name	purM
Sequence	MSQSGKNGLT YSDAGVDIDA GNLMVEKIKP HVRSTRRPGA DGEIGGFGGL FDLKAAGFSD PVLVAANDGV GTKLKIAIDA DKHDTVGIDL VAMCVNDLVV QGAEPLFFLD YFATGKLDPD QGAAIVAGIA AGCREAGCAL IGGETAEMPG MYSGGDYDLA GFAVGAAERG QLLPAGDIAE GDVILGLASS GVHSNGYSLV RKIVSLSGLA WDAPAPFGEG TLADLLMTPT RIYVKPLLKA IRETGAIKAL AHITGGGFPE NIPRVLPKHL AAEIDLGAIK PPAVFSWLAK TGGVAANEML RTFNCGVGMI AVVPASEAEK VAAVLAGEGE TVFTLGRMVA RAEGAPGTIY KGNLAI
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	36,330 Da
Sequence Positions	1-356, Full length
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 Q92QW2
Species	Rhizobium meliloti (strain 1021) (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purM recombinant protein	MBS1423863 is a recombinant protein targeting purM. Also known as Recombinant Rhizobium meliloti 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 #	15964937
NCBI GeneID	1232828
NCBI Accession #	NP_385290.1

UniProt Primary Accession #	Q92QW2
UniProt Related Accession #	Q92QW2
GenBank Nucleotide #	NC_003047.1
NCBI Official Full Name	phosphoribosylaminoimidazole synthetase
NCBI Official Symbol	purM
UniProt Protein Name	Phosphoribosylformylglycinamidine cyclo-ligase
UniProt Synonym Protein Names	AIR synthase
Protein Family	Phosphoribosylformylglycinamidine cyclo-ligase
UniProt Gene Name	purM
NCBI Protein Information	phosphoribosylaminoimidazole synthetase
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