Phosphoribosylamine--Glycine Ligase (purD) Fusobacterium Nucleatum Subsp.nucleatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosylamine--glycine ligase (purD), Recombinant Protein
Full Product Name	Recombinant Fusobacterium nucleatum subsp.nucleatum Phosphoribosylamine--glycine ligase (purD)
Product Gene Name	purD recombinant protein
Product Synonym Gene Name	purD
Sequence	MKVLIVGSGG REHAIAWKIS QNSKVDKIFA ASGNAYNKVI KNCENINLKT SDDILNFAIK EKVDLTIVGS EELLVDGIVD KFQENNLTIF GPNKEAAMLE GSKAFAKDFM QKYGVKTAKY QSFIDKEKAI KYLDKISYPV VIKASGLAAG KGVVIAQNRK EAEETLNDMM TNKVFAAAGD TVVIEEFLDG VEISVLSITD SEVIIPFISA KDHKKISEKE TGLNTGGMGV IAPNPYYTKT IEEKFIQNIL NPTLKGIKAE KMNFVGIIFF GLMVANGEVY LLEYNMRMGD PETQAVLPLM KSDFLNVINS ALNKDLKNIK IDWEDKSACC VVMAAGGYPV KYEKGNFISG LEKFDSNKSD NKIFFAGVKE ENDKFYTNGG RVLNVVSIKD SLEKAIEEAY KNVKEISFKD NYYRKDIGTL YVPVKY
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	47,319 Da
Sequence Positions	1-426, 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 Q8REV7
Species	Fusobacterium nucleatum subsp. nucleatum (strain 25586 / CIP 101130 / JCM 8532 / LMG 13131)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purD recombinant protein	MBS1310144 is a recombinant protein targeting purD. Also known as Recombinant Fusobacterium nucleatum subsp.nucleatum Phosphoribosylamine--glycine ligase (purD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of purD 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 purD. It may not necessarily be applicable to this product.

NCBI GI #	19704316
NCBI GeneID	991454
NCBI Accession #	NP_603878.1

UniProt Primary Accession #	Q8REV7
UniProt Related Accession #	Q8REV7
GenBank Nucleotide #	NC_003454.1
NCBI Official Full Name	phosphoribosylamine--glycine ligase
NCBI Official Symbol	FN0981
UniProt Protein Name	Phosphoribosylamine--glycine ligase
UniProt Synonym Protein Names	GARS
Protein Family	Bifunctional purine biosynthetic protein
UniProt Gene Name	purD
NCBI Protein Information	phosphoribosylamine--glycine ligase
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