Phosphoribosylamine--Glycine Ligase (purD) Brucella Suis Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosylamine--glycine ligase (purD), Recombinant Protein
Full Product Name	Recombinant Brucella suis biovar 1 Phosphoribosylamine--glycine ligase (purD)
Product Gene Name	purD recombinant protein
Product Synonym Gene Name	purD
Sequence	MKVLLIGSGG REHALAWKLA ASPLLEKLYC APGNPGIAAV AELADIGVDD HAALIAFAKE KHIDLVVVGP EAPLVTGLAD EMRAEGIRVF GPSRAAAQLE GSKGFTKDLC ARFNIPTGAY GRFNNAPKAK AYIRQQGAPI VVKADGLAAG KGVVVAMTLQ EALDAVDSCF EGAFGAAGAE VVVEEFLDGE EASFFCICDG KTALPLGSAQ DHKRVGDGDT GPNTGGMGAY APAPVMTPEM VARTMRELIE PTMRGMAEIG APFSGILFAG LMITSDGPKL IEYNTRFGDP ECQVLMMRLN SDLLALINAA VDGRLDEVSL EWKDEPALTV VMAAEGYPAN VKKGSVIRDL EKLESIDGVK LFHAGTALKD GAIVAGGGRV LNITATAATV AQAQARAYEA LKLIDWPEGF YRSDIGWRAV EREKANR
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	44,971 Da
Sequence Positions	1-427, 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 Q8G2B1
Species	Brucella suis biovar 1 (strain 1330)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purD recombinant protein	MBS1439049 is a recombinant protein targeting purD. Also known as Recombinant Brucella suis biovar 1 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 #	490829884
NCBI Accession #	WP_004691973.1
UniProt Primary Accession #	Q8G2B1
UniProt Secondary Accession #	G0K6N5

GenBank Nucleotide #	WP_004691973.1
NCBI Official Full Name	MULTISPECIES: phosphoribosylamine--glycine ligase
UniProt Protein Name	Phosphoribosylamine--glycine ligase
UniProt Synonym Protein Names	GARS
Protein Family	Bifunctional purine biosynthetic protein
UniProt Gene Name	purD
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