Ribose-Phosphate Pyrophosphokinase B (prsB) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribose-phosphate pyrophosphokinase B (prsB), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Ribose-phosphate pyrophosphokinase B (prsB)
Product Gene Name	prsB recombinant protein
Product Synonym Gene Name	prsB
Sequence	MSNNRLVILH GNAHPKLSKE IASCLNTEVG NALVSKFANS ETQVIINESV RDVDLYIVQP TCNPSVNDYL MELLVMVDGA KRASAHRITA VVPFFGYARQ SKKDKSRAPI TCKLVANMME AAGIDRVITM DLHSSQIQGF FNIPVENVYT EPLFVKYIKK KKKTEFLNQE FVIVSPGVGG VKRAKAISDK LESELAIIHR ANKEMSLSLS SSFSFDIEET VLVGDVTGKI AIIIDDIADT CKTLKLASKA LIKKGAIKVY ALVTHGVFSN NAIDIINDSS ITELVITDSI PNEHNKEKCP KLKIISIASV LSETMRRCHH GESVTSISK
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	36,145 Da
Sequence Positions	1-329, 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 Q75JN8
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for prsB recombinant protein	MBS1471930 is a recombinant protein targeting prsB. Also known as Recombinant Dictyostelium discoideum Ribose-phosphate pyrophosphokinase B (prsB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of prsB 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 prsB. It may not necessarily be applicable to this product.

NCBI GI #	66823929
NCBI GeneID	8618485
NCBI Accession #	XP_645319.1
UniProt Primary Accession #	Q75JN8

UniProt Secondary Accession #	Q559L5
GenBank Nucleotide #	XM_640227.1
NCBI Official Full Name	phosphoribosyl pyrophosphate synthetase
NCBI Official Symbol	prsB
UniProt Protein Name	Ribose-phosphate pyrophosphokinase B
UniProt Synonym Protein Names	Phosphoribosyl pyrophosphate synthase B
Protein Family	Ribose-phosphate pyrophosphokinase
UniProt Gene Name	prsB
NCBI Protein Information	phosphoribosyl pyrophosphate synthetase
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