CDP-Diacylglycerol--Glycerol-3-Phosphate 3-Phosphatidyltransferase (pgs1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase (pgs1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase (pgs1), partial
Product Gene Name	pgs1 recombinant protein
Product Synonym Gene Name	pgs1
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	57,676 Da
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 Q9HDW1
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgs1 recombinant protein	MBS1353705 is a recombinant protein targeting pgs1. Also known as Recombinant Schizosaccharomyces pombe CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase (pgs1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pgs1 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 pgs1. It may not necessarily be applicable to this product.

NCBI GI #	429240477
NCBI GeneID	2541243
NCBI Accession #	NP_595992.2
UniProt Primary Accession #	Q9HDW1
GenBank Nucleotide #	NM_001021899.2
NCBI Official Full Name	CDP-diacylglycerol-glycerol-3-phosphate3-phosphatidyltransferase (predicted)
NCBI Official Symbol	SPBP18G5.02

UniProt Protein Name	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase
UniProt Synonym Protein Names	Phosphatidylglycerophosphate synthase; PGP synthase
Protein Family	Probable CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase
UniProt Gene Name	pgs1
UniProt Synonym Gene Names	PGP synthase
NCBI Protein Information	CDP-diacylglycerol-glycerol-3-phosphate3-phosphatidyltransferase (predicted)
UniProt Comments for pgs1	Functions in the biosynthesis of the anionic phospholipids phosphatidylglycerol and cardiolipin.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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