Phosphopentomutase (drm) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphopentomutase (drm), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Phosphopentomutase (drm)
Product Gene Name	drm recombinant protein
Sequence	MPAYKYNRVF LIVMDSVGIG EAPDAADFND EGAHTLGHIA EHMNGLHMPN MAKLGLGLIE DIKGVEKTEH PLAYYGKMQE ASNGKDTMTG HWEIMGLYID KPFKVFPEGF PDELLQELEK RSGRKIIGNK PASGTAILDE LGQEHMETGA LIVYTSADSV LQIAAHEEVV PLEELYRICE TARELTLDPK YMVGRIIARP FVGEPGQFKR TPNRHDYALK PFDRTVMNEL KDCGLDVISI GKISDIYDGE GITSSRRTVS NMDGMDKVID TLGEDFTGLS FANLVDFDAL FGHRRDPEGY GRALEEFDAR LPEVFEKMRE DDLLIITADH GNDPIHHGTD HTREYVPILA YSKKHKKAQM LPLADTFADI GATIADNFQT NKPKYGKSFL SLLQ
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	44,019 Da
Sequence Positions	1-394, 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 P46353
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for drm recombinant protein	MBS1184185 is a recombinant protein targeting drm. Also known as Recombinant Bacillus subtilis Phosphopentomutase (drm). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of drm 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 drm. It may not necessarily be applicable to this product.

NCBI GI #	255767508
NCBI GeneID	938728
NCBI Accession #	NP_390231.2
UniProt Primary Accession #	P46353
UniProt Related Accession #	P46353

GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	phosphopentomutase
NCBI Official Symbol	drm
UniProt Protein Name	Phosphopentomutase
UniProt Synonym Protein Names	Phosphodeoxyribomutase
Protein Family	Protein drumstick
UniProt Gene Name	drm
UniProt Synonym Gene Names	yqkN
NCBI Protein Information	phosphopentomutase
UniProt Comments for drm	Phosphotransfer between the C1 and C5 carbon atoms of pentose.
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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