Putative Phosphotransferase Blr0637 (blr0637) Bradyrhizobium Japonicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase blr0637 (blr0637), Recombinant Protein
Full Product Name	Recombinant Bradyrhizobium japonicum Putative phosphotransferase blr0637 (blr0637)
Product Gene Name	blr0637 recombinant protein
Product Synonym Gene Name	blr0637
Sequence	MPTSNNYFHL HLVSDSTGET LITVARAVAA QYANVTPVEH VYPLVRSQKQ LDRVLDEIEE APGIVLFTLL EKDLVSRLED KCKGINVPSL SIIGPVMQLF EAYLGAATTG RVGAQHVLNA EYFKRIDALN YTMIHDDGQH VEGLDDADVV LVGVSRTSKT PTSIYLANRG IRTANVPLVP GIPVPVQLET LTRPLVVSLH ATPERLIQVR QNRLLSMGAD SSSDTYTDRQ SVAEEVAFAR KLSAKHDWPL LDVTRRSIEE TAAAIMKLYS DRQRNRPSE
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	30,879 Da
Sequence Positions	1-279, 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 Q89WP1
Species	Bradyrhizobium japonicum (strain USDA 110)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for blr0637 recombinant protein	MBS1365016 is a recombinant protein targeting blr0637. Also known as Recombinant Bradyrhizobium japonicum Putative phosphotransferase blr0637 (blr0637). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of blr0637 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 blr0637. It may not necessarily be applicable to this product.

NCBI GI #	27375748
NCBI GeneID	1049377
NCBI Accession #	NP_767277.1
UniProt Primary Accession #	Q89WP1

UniProt Related Accession #	Q89WP1
GenBank Nucleotide #	NC_004463.1
NCBI Official Full Name	hypothetical protein blr0637
NCBI Official Symbol	blr0637
UniProt Protein Name	Putative pyruvate, phosphate dikinase regulatory protein
UniProt Gene Name	blr0637
UniProt Synonym Gene Names	PPDK regulatory protein
NCBI Protein Information	blr0637
UniProt Comments for blr0637	Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the pyruvate, phosphate dikinase (PPDK) by catalyzing its phosphorylation/dephosphorylation.
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