Putative Phosphotransferase R00001 (R00001) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase R00001 (R00001), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Putative phosphotransferase R00001 (R00001)
Product Gene Name	R00001 recombinant protein
Product Synonym Gene Name	R00001
Sequence	MENRKNYFHL HLISDSTGET LIAAGRAAAA QFQSSHALEH VYPLIRNRKQ LMQVMDAVDG APGIVLYTIV DRELAGLIDQ RCREIGVPCV SVLDPIIELF QSYLGSPSRR RSGAQHVMDA EYFARIEALN FTMDHDDGQV PSDFNEADVV LVGVSRTSKT PTSIYLANRG IKTANIPIVP GVPLPDALLK ATKPLIVGLI ASAERLSQVR QHRVLGTTQS FHGEDYTDRA AIAEELKYAR SLCARNNWPL IDVTRRSIEE TAAAIVALRP RLR
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	30,194 Da
Sequence Positions	1-273, 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 Q92TF2
Species	Rhizobium meliloti (strain 1021) (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for R00001 recombinant protein	MBS1357501 is a recombinant protein targeting R00001. Also known as Recombinant Rhizobium meliloti Putative phosphotransferase R00001 (R00001). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of R00001 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 R00001. It may not necessarily be applicable to this product.

NCBI GI #	15963754
NCBI GeneID	1231626
NCBI Accession #	NP_384107.1
UniProt Primary Accession #	Q92TF2
UniProt Related Accession #	Q92TF2

GenBank Nucleotide #	NC_003047.1
NCBI Official Full Name	hypothetical protein SMc02793
NCBI Official Symbol	SMc02793
UniProt Protein Name	Putative pyruvate, phosphate dikinase regulatory protein
UniProt Gene Name	R00001
UniProt Synonym Gene Names	PPDK regulatory protein
NCBI Protein Information	hypothetical protein
UniProt Comments for R00001	Bifunctional serine/threonine kinase and phosphorylase involved in the regulation of the pyruvate, phosphate dikinase (PPDK) by catalyzing its phosphorylation/dephosphorylation.
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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