Putative Phosphotransferase Rpd_0426 (Rpd_0426) (RPD_0426) Rhodopseudomonas Palustris Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative phosphotransferase RPD_0426 (RPD_0426), Recombinant Protein
Full Product Name	Recombinant Rhodopseudomonas palustris Putative phosphotransferase RPD_0426 (RPD_0426)
Product Gene Name	RPD_0426 recombinant protein
Product Synonym Gene Name	RPD_0426
Sequence	MLTDGSYFHL HLVSDSTGET LITVSRAVAA QYANVSPVEH VYPLVRSQKQ LDRVLQEIEE SPGIVLFTLL ESELVNRLEA KCQQINSPSL SIIGPVMQLF EAYLGASTTG RVGAQHTLNA EYFKRIDALN YSMMHDDGQH VEGLEEADVV LVGVSRTSKT PTSIYLANRG IRTANVPLVA GIPIPHQLET LKKPLVVSLH ASPDRLIQVR QNRLLSLGAG AGNDSYIDRQ AVTDEVLLAR KLSAKYGWSL LDVTRRSIEE TAAAIMKLLA DRQRQRMSE
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	30,783 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 Q13E25
Species	Rhodopseudomonas palustris (strain BisB5)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPD_0426 recombinant protein	MBS1436052 is a recombinant protein targeting RPD_0426. Also known as Recombinant Rhodopseudomonas palustris Putative phosphotransferase RPD_0426 (RPD_0426). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPD_0426 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 RPD_0426. It may not necessarily be applicable to this product.

NCBI GI #	499820118
NCBI Accession #	WP_011500852.1
UniProt Primary Accession #	Q13E25

GenBank Nucleotide #	WP_011500852.1
NCBI Official Full Name	MULTISPECIES: phosphoenolpyruvate synthase regulatory protein
UniProt Protein Name	Putative pyruvate, phosphate dikinase regulatory protein
UniProt Gene Name	RPD_0426
UniProt Synonym Gene Names	PPDK regulatory protein
UniProt Comments for RPD_0426	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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