UPF0042 Nucleotide-Binding Protein Pp_0949 (Pp_0949) (PP_0949) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0042 nucleotide-binding protein PP_0949 (PP_0949), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida UPF0042 nucleotide-binding protein PP_0949 (PP_0949)
Product Gene Name	PP_0949 recombinant protein
Product Synonym Gene Name	PP_0949
Sequence	MRLIIVSGRS GSGKSTALDV LEDSGFYCID NLPAGLLPQL AENALINTEL LQPKVAVSID ARNLPSHLMR FPELLEEARA RHIQCDVLYL DADEEVLLKR FSETRRRHPL TNANRSLAEA IRVESDLLGP IADLADLKID TTNLNLYQLR DSIKLRLLNQ PEPGTAFLVE SFGFKRGMPV DADLVFDVRC LPNPYWKPEL REHSGLDQPV IDYLAAQPDV EDMYNDISSY LLKWLPRFAA SNRAYVTIAI GCTGGHHRSV YITERLGRQL QQTLKNVQVR HRDL
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	32,098 Da
Sequence Positions	1-284, 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 Q88PA1
Species	Pseudomonas putida (strain KT2440)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PP_0949 recombinant protein	MBS1389265 is a recombinant protein targeting PP_0949. Also known as Recombinant Pseudomonas putida UPF0042 nucleotide-binding protein PP_0949 (PP_0949). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PP_0949 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 PP_0949. It may not necessarily be applicable to this product.

NCBI GI #	26987685
NCBI GeneID	1044863
NCBI Accession #	NP_743110.1
UniProt Primary Accession #	Q88PA1

UniProt Related Accession #	Q88PA1
GenBank Nucleotide #	NC_002947.4
NCBI Official Full Name	ATP-binding protein
NCBI Official Symbol	PP_0949
UniProt Protein Name	Nucleotide-binding protein PP_0949
Protein Family	Nucleotide-binding protein
UniProt Gene Name	PP_0949
NCBI Protein Information	ATP-binding protein
UniProt Comments for PP_0949	Displays ATPase and GTPase activities.
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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