RNA Pyrophosphohydrolase (rppH) Bradyrhizobium Japonicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA pyrophosphohydrolase (rppH), Recombinant Protein
Full Product Name	Recombinant Bradyrhizobium japonicum RNA pyrophosphohydrolase (rppH)
Product Gene Name	rppH recombinant protein
Product Synonym Gene Name	rppH
Sequence	MARYEDLPYR TCVGVMLINA KGLVFIGRRA GGIEHIDDTH VWQMPQGGVD PGEDTWAAAK RELYEETSVR SVERLGEVPD WLIYDIPRTV AGRAWKGRYR GQRQKWFAVR FTGKDSEINV ENPGGGHKAE FVSWRWEPMK NLPGLIIPFK RPVYERVVKE FSALAEE
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	19,191 Da
Sequence Positions	1-167, 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 Q89X78
Species	Bradyrhizobium japonicum (strain USDA 110)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rppH recombinant protein	MBS1332357 is a recombinant protein targeting rppH. Also known as Recombinant Bradyrhizobium japonicum RNA pyrophosphohydrolase (rppH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rppH 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 rppH. It may not necessarily be applicable to this product.

NCBI GI #	27375547
NCBI GeneID	1054262
NCBI Accession #	NP_767076.1
UniProt Primary Accession #	Q89X78
UniProt Related Accession #	Q89X78
GenBank Nucleotide #	NC_004463.1

NCBI Official Full Name	dinucleoside polyphosphate hydrolase
NCBI Official Symbol	blr0436
UniProt Protein Name	RNA pyrophosphohydrolase
UniProt Synonym Protein Names	(Di)nucleoside polyphosphate hydrolase
Protein Family	RNA pyrophosphohydrolase
UniProt Gene Name	rppH
NCBI Protein Information	dinucleoside polyphosphate hydrolase
UniProt Comments for rppH	Accelerates the degradation of transcripts by removing pyrophosphate from the 5'-end of triphosphorylated RNA, leading to a more labile monophosphorylated state that can stimulate subsequent ribonuclease cleavage.
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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