Polyribonucleotide Nucleotidyltransferase (Pnp) (pnpTPASS_0886) Treponema Pallidum Subsp. Pallidum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Polyribonucleotide nucleotidyltransferase (pnp) (pnpTPASS_0886), Recombinant Protein
Full Product Name	Recombinant Treponema pallidum subsp. pallidum Polyribonucleotide nucleotidyltransferase (pnp), partial
Product Gene Name	pnpTPASS_0886 recombinant protein
Sequence	ALFHEMEYEI LRLNILDRGL RIDGRAIDAI RPIACEVGVL PRPHGSAVFT RGETQSLAVV TLGAMSDGQV YDDIEGDRRE NFILHYNFPP FSVGEIGRMG VGRREIGHGC LAHRSLSAVI PDPEQFPYTV RVVSEILESN GSSSMATVCS GTLSLLHAGV PIKKPVAGIA MGLITDGVRY AILSDILGEE DHLGDMDFKV AGTCDGITGF QMDVKVEAVS ASLMKEALQQ ARVGRLHILS VMNQTISAPS VHISRYAPHI ESFKIAVEKI GALIGPGGKT VKSLSDQYRV TINTDSDGTV TVSGRDAQSV FDAKVAVVGL TEDPRVGRVY QGVVKRIVEF GAFVEIFPGK EGLCHVSKLS RSRVSKVSDV LQEGQRICVK LIDIDRMGRL NLSYIDALEG KSGGLDTTK
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	76,332 Da
Sequence Positions	294-702. Partial.
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 B2S4C3
Species	Treponema pallidum subsp. pallidum (strain SS14)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pnpTPASS_0886 recombinant protein	MBS1259539 is a recombinant protein targeting pnpTPASS_0886. Also known as Recombinant Treponema pallidum subsp. pallidum Polyribonucleotide nucleotidyltransferase (pnp), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pnpTPASS_0886 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 pnpTPASS_0886. It may not necessarily be applicable to this product.

NCBI GI #	499184789
NCBI Accession #	WP_010882329.1
UniProt Primary Accession #	B2S4C3

GenBank Nucleotide #	WP_010882329.1
NCBI Official Full Name	polyribonucleotide nucleotidyltransferase
UniProt Protein Name	Polyribonucleotide nucleotidyltransferase
UniProt Synonym Protein Names	Polynucleotide phosphorylase
UniProt Gene Name	pnp
UniProt Synonym Gene Names	PNPase
UniProt Comments for pnpTPASS_0886	Involved in mRNA degradation. Catalyzes the phosphorolysis of single-stranded polyribonucleotides processively in the 3'- to 5'-direction.
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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