Polyribonucleotide Nucleotidyltransferase (pnp) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Polyribonucleotide nucleotidyltransferase (pnp), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6:K15:H31 Polyribonucleotide nucleotidyltransferase (pnp)
Product Gene Name	pnp recombinant protein
Product Synonym Gene Name	pnp
Sequence	MLNPIVRKFQ YGQHTVTLET GMMARQATAA VMVSMDDTAV FVTVVGQKKA KPGQDFFPLT VNYQERTYAA GRIPGSFFRR EGRPSEGETL IARLIDRPIR PLFPEGFVNE VQVIATVVSV NPQVNPDIVA MIGASAALSL SGIPFNGPIG AARVGYINDQ YVLNPTQDEL KESKLDLVVA GTEAAVLMVE SEAELLSEDQ MLGAVVFGHE QQQVVIQNIN ELVKEAGKPR WDWQPEPVNE ALNARVAALA EARLSDAYRI TDKQERYAQV DVIKSETIAT LLAEDETLDE NELGEILHAI EKNVVRSRVL AGEPRIDGRE KDMIRGLDVR TGVLPRTHGS ALFTRGETQA LVTATLGTAR DAQVLDELMG ERTDTFLFHY NFPPYSVGET GMVGSPKRRE IGHGRLAKRG VLAVMPDMDK FPYTVRVVSE ITESNGSSSM ASVCGASLAL MDAGVPIKAA VAGIAMGLVK EGDNYVVLSD ILGDEDHLGD MDFKVAGSRD GISALQMDIK IEGITKEIMQ VALNQAKGAR LHILGVMEQA INAPRGDISE FAPRIHTIKI NPDKIKDVIG KGGSVIRALT EETGTTIEIE DDGTVKIAAT DGEKAKHAIR RIEEITAEIE VGRVYNGKVT RIVDFGAFVA IGGGKEGLVH ISQIADKRVE KVTDYLQMGQ EVPVKVLEVD RQGRIRLSIK EATEQSQPAA APEAPAAEQG E
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	77,115 Da
Sequence Positions	1-711, 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 Q0TCU5
Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pnp recombinant protein	MBS1330039 is a recombinant protein targeting pnp. Also known as Recombinant Escherichia coli O6:K15:H31 Polyribonucleotide nucleotidyltransferase (pnp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pnp 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 pnp. It may not necessarily be applicable to this product.

NCBI GI #	485653184

NCBI Accession #	WP_001298330.1
UniProt Primary Accession #	Q0TCU5
GenBank Nucleotide #	WP_001298330.1
NCBI Official Full Name	MULTISPECIES: polyribonucleotide nucleotidyltransferase
UniProt Protein Name	Polyribonucleotide nucleotidyltransferase
UniProt Synonym Protein Names	Polynucleotide phosphorylase
Protein Family	Polyribonucleotide nucleotidyltransferase
UniProt Gene Name	pnp
UniProt Synonym Gene Names	PNPase
UniProt Comments for pnp	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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