



Recombinant Escherichia coli O157:H7 Polyribonucleotide nucleotidyltransferase (pnp)

Product Code	CSB-EP475542EOE-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	B5YS54
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7 (strain EC4115 / EHEC)
Purity	>85% (SDS-PAGE)
Sequence	MLNPVIRKFQ YGQHTVTLET GMMARQATAA VMVSMDDTAV FVTVVGQKKA KPGQDFPLT VNYQERTYAA GRIPGSFFRR EGRPSEGETL IARLIDRPIR PLFPEGFVNE VQVIATVVSV NPQVNPDIVA MIGASAALSL SGIPFNGPIG AARVGYINDQ YVLNPTQDEL KESKLDLVVA GTEAAVLMVE SEAELLEDQ MLGAVVFGHE QQQVVIQNIN ELVKEAGKPR WDWQPEPVNE ALNARVAALA EARLSDAYRI TDKQERYAQV DVIKSETIAT LLAEDETLDE NELGEILHAI EKNVVRSRVL AGEPRIDGRE KDMIRGLDVR TGVLPRTHGS ALFTRGETQA LVTATLGTAR DAQVLDELGMG ERTDTFLFHY NFPPYSVGET GMVGSPKRRE IGHGRLAKRG VLAVMPDMDK FPYTVRVVSE ITESNGSSSM ASVCGASLAL MDAGVPIKAA VAGIAMGLVK EGDNYVVLSD ILGDEDHLGD MDFKVGASRD GISALQMDIK IEGITKEIMQ VALNQAKGAR LHILGVMEQA INAPRGDISE FAPRIHTIKI NPDKIKDVIG KGGSVIRALT EETGTTIEIE DDGTVKIAAT DGEKAKHAIR RIEEITAEIE VGRVYTGKVT RIVDFGAFVA IGGGKEGLVH ISQIADKRVE KVTDYLMGQ EVPVKVLEVD RQGRIRLSIK EATEQSQPAA APEAPAAEQG E
Source	E.coli
Target Names	pnp
Protein Names	Recommended name: Polyribonucleotide nucleotidyltransferase EC= 2.7.7.8 Alternative name(s): Polynucleotide phosphorylase Short name= PNPase
Expression Region	1-711
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.