



Recombinant Human Bifunctional polynucleotide phosphatase/kinase (PNKP)

Product Code	CSB-EP857031HU-B
Abbreviation	PNKP
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.	Q96T60
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGEVEAPGRL WLESPPGGAP PIFLPSDGQA LVLGRGPLTQ VTDRKCSRTQ VELVADPETR TVAVKQLGVN PSTTGTQELK PGLEGLGVLG DTLYLVNGLH PLTLRWEETR TPESQPDTTP GTPLVSQDEK RDAELPKKRM RKSNDGWENL EKLLVFTAAG VKPQGKVAGF DLDGTLITTR SGKVFPTGPS DWRILYPEIP RKLRELEAEG YKLVIFTNQM SIGRGKLP AE EFKAKVEAVV EKLGVPFQVL VATHAGLYRK PVTGMWDHLQ EQANDGTPIS IGDSIFVGDA AGRPANWAPG RKKKDFSCAD RLFALNLGLP FATPEEFFLK WPAAGFELPA FDPRTVSRSG PLCLPESRAL LSASPEVVVA VGFPGAGKST FLKKHLVSAG YVHVNRDTLG SWQRCVTTCE TALKQGKRVA IDNTNPDAAS RARYVQCARA AGVPCRCFLF TATLEQARHN NRFREMTDSS HIPVSDMVMY GYRKQFEAPT LAEGFSAILE IPFRLWVEPR LGRLYCQFSE G
Source	E.coli
Target Names	PNKP
Protein Names	Recommended name: Bifunctional polynucleotide phosphatase/kinase Alternative name(s): DNA 5'-kinase/3'-phosphatase Polynucleotide kinase-3'-phosphatase Including the following 2 domains: Polynucleotide 3'-phosphatase EC= 3.1.3.3
Expression Region	1-521
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

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