



# Recombinant Human Bifunctional polynucleotide phosphatase/kinase (PNKP)

<b>Product Code</b>	CSB-MP857031HU
<b>Abbreviation</b>	PNKP
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q96T60
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PNKP
<b>Protein Names</b>	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
<b>Expression Region</b>	1-521
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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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