



Recombinant Human Calcium/calmodulin-dependent protein kinase type 1B (PNCK)

Product Code	CSB-EP754178HU-B
Abbreviation	PNCK
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.	Q6P2M8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MLLLKKHTED ISSVYEIRER LGSGAFSEVV LAQERGS AHL VALKCI PKKA LRGKEALVEN EIAVLR RISH PNIVALEDVH ESPSHLYLAM ELVTGGELFD RIMERGSYTE KDASHLVGQV LGAVSYLHSL GIVHRDLKPE NLLYATPFED SKIMVSD FGL SKIQAGNMLG TACGTPGYVA PELLEQKPYG KAVDVWALGV ISYILLCGYP PFYDESDPEL FSQILRAS YE FDSPFWDDIS ESAKDFIRHL LERDPQKRFT CQQALRHLWI SGDTAFDRDI LGSVSEQIRK NFARTH WKRA FNATSFLRHI RKL GQIPEGE GASEQGMARH SHSGLRAGQP PKW
Source	E.coli
Target Names	PNCK
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type 1B EC= 2.7.11.17 Alternative name(s): CaM kinase I beta Short name= CaM kinase IB Short name= CaM-KI beta Short name= CaMKI-beta Pregnancy up-regula
Expression Region	1-343
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.