



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

<b>Product Code</b>	CSB-YP754178HU
<b>Abbreviation</b>	PNCK
<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>	Q6P2M8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLLLKKHTED ISSVYEIRER LGSGAFSEVV LAQERGS AHL VALKCIPKKA LRGKEALVEN EIAVLRISH PNIVALEDVH ESPSHLYLAM ELVTGGELFD RIMERGSYTE KDASHLVGQV LGAVSYLHSL GIVHRDLKPE NLLYATPFED SKIMVSDFGL SKIQAGNMLG TACGTPGYVA PELLEQKPYG KAVDVWALGV ISYILLCGYP PFYDESDPEL FSQILRASYE FDSPFWDDIS ESAKDFIRHL LERDPQKRFT CQQALRHLWI SGDTAFDRDI LGSVSEQIRK NFARTH WKRA FNATSFLRHI RKLQIPEGE GASEQGMARH SHSGLRAGQP PKW
<b>Source</b>	Yeast
<b>Target Names</b>	PNCK
<b>Protein Names</b>	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
<b>Expression Region</b>	1-343
<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.
<b>Shelf Life</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.