

Recombinant Human PNCK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PNCK-2285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PNCK MS Standard C13 and N15-labeled recombinant protein (NP_001129212) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases.
Molecular Mass	40.2 kDa
AA Sequence	MWRRVCGGLAGRRPSGDMLLLKKHTEDISSVYEIRERLGSGAFSEVVLAQERGSAH LVALKCIPKKALRGKEALVENEIAVLRRISHPNIVALEDVHESPSHLYLAMELVTTGGEL FDRIMERGSYTEKDASHLVGQVLGAVSYLHSLGIVHRDLKPENLLYATPFEDSKIMVS DFGLSKIQAGNMLGTACGTPGYVAPELLEQKPYGKAVDVWALGVISYILLCGYPPFY DESDPELFSQILRASIEFDSPFWDDISESAKDFIRHLLERDPQKRFTCCQALRHLWIS GDTAFDRDILGSVSEQIRKNFARTHWKRAFNAFLRHIRKLQIPEGEGASEQGMAR RHSHSGLRAGQPPKWTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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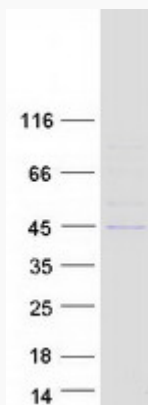
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PNCK pregnancy up-regulated non-ubiquitously expressed CaM kinase [Homo sapiens (human)]
Official Symbol	PNCK
Synonyms	PNCK; pregnancy up-regulated non-ubiquitously expressed CaM kinase; pregnancy upregulated non ubiquitously expressed CaM kinase; calcium/calmodulin-dependent protein kinase type 1B; CaMK1b; MGC45419; caMKI-beta; caM-KI beta; caM kinase IB; caM kinase I beta; pregnancy upregulated non-ubiquitously expressed CaM kinase; pregnancy up-regulated non-ubiquitously-expressed CaM kinase; BSTK3; FLJ50403; FLJ50549; FLJ56451; FLJ59811;
Gene ID	139728
mRNA Refseq	NM_001135740
Protein Refseq	NP_001129212
MIM	300680
UniProt ID	Q6P2M8

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SDS-PAGE

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