Recombinant Human PNCK

Cat. No. PNCK-30071TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length PNCK protein (Human), was expressed by baculovirus in sf9 insect cells using an N-terminal tag, MW 64kDa.
Species	Human
Description	PNCK is a member of the calcium/calmodulin-dependent protein kinase family of protein serine/threonine kinases (see CAMK1; MIM 604998) (Gardner et al.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily.Contains 1 protein kinase domain.
Full Length	Full L.

GENE INFORMATION

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Gene Name	PNCK pregnancy up-regulated non-ubiquitously expressed CaM kinase [Homo sapiens]
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;
Gene ID	139728
mRNA Refseq	NM_001039582
Protein Refseq	NP_001034671
MIM	300680
Uniprot ID	Q6P2M8
Chromosome Location	Xq28
Function	ATP binding; calmodulin binding; calmodulin-dependent protein kinase activity; nucleotide binding;

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