

Recombinant Mouse Pnck Protein, Myc/DDK-tagged

Cat. No. Pnck-4961M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pregnancy upregulated non-ubiquitously expressed CaM kinase (Pnck), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates CREB1 and SYN1/synapsin I. Phosphorylates and activates CAMK1.
Molecular Mass	38.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pnck pregnancy upregulated non-ubiquitously expressed CaM kinase [Mus musculus (house mouse)]
Official Symbol	Pnck
Synonyms	PNCK; pregnancy upregulated non-ubiquitously expressed CaM kinase; calcium/calmodulin-dependent protein kinase type 1B; caMKI-beta; caM-KI beta; caM kinase IB; caM kinase I beta; calcium/calmodulin-dependent protein kinase 1, beta; pregnancy up-regulated non-ubiquitously-expressed CaM kinase homolog; Punc; Bstk3; Camk1b; CaMKIb2; caMKIb1; CaMKIb2a2
Gene ID	93843
mRNA Refseq	NM_012040
Protein Refseq	NP_036170
UniProt ID	Q9QYK9

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