Recombinant Human PNCK, GST-tagged

Cat. No. PNCK-606H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNCK is produced ininsect cells.
Species	Human
Source	Insect Cells
Description	Glutathione peroxidase (PDB 1GP1, EC 1.11.1.9) is the general name of an enzyme family with peroxidase activity whose main biological role is to protect the organism from oxidative damage. The biochemical function of glutathione peroxidase is to reduce lipid hydroperoxides to their corresponding alcohols and to reduce free hydrogen peroxide to water.
Application	Kinetic and functional studies, phosphorylation of target substrates, drug screening.
Storage	-80°C.

GENE INFORMATION

Gene Name	PNCK pregnancy up-regulated non-ubiquitously expressed CaM kinase [Homo sapiens]
Synonyms	PNCK; pregnancy up-regulated non-ubiquitously expressed CaM kinase; caM kinase I beta; caM kinase IB; caM-KI beta; caMKI-beta; calcium/calmodulin-dependent protein kinase type 1B; pregnancy up-regulated non-ubiquitously-expressed CaM kinase; pregnancy upregulated non-ubiquitously expressed CaM kinase; BSTK3; CaMK1b; FLJ50403; FLJ50549; FLJ56451; FLJ59811; MGC45419; EC 2.7.11.17

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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; kinase activity; nucleotide binding; protein serine/threonine kinase activity; transferase activity

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