

## Recombinant Human PNCK, GST-tagged

**Cat. No.** PNCK-1813H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PNCK protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-121aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PNCK pregnancy up-regulated non-ubiquitously expressed CaM kinase [ Homo sapiens ]                                                                                                                                                          |
| <b>Official Symbol</b> | PNCK                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | 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 |

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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\_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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