

# Recombinant Human PNCK Protein (L2-W343), His/GST tagged

**Cat. No.** PNCK-0168H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human 8His-GST-TEV-GG-PNCK(L2-W343 end) Protein was expressed in Insect cell.                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                           |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                    |
| <b>ProteinLength</b>    | L2-W343                                                                                                                                                                                         |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid                                                                                                                                                                                          |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                                                 |
| <b>Purity</b>           | 90%                                                                                                                                                                                             |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                                                       |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                             |

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|-----------------------|-----------------------------------------------------------------------|
| <b>Storage Buffer</b> | Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol |
|-----------------------|-----------------------------------------------------------------------|

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|-----------------|----------------------------------|
| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

|                  |                                                                                            |
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| <b>Gene Name</b> | PNCK pregnancy up-regulated non-ubiquitously expressed CaM kinase [ Homo sapiens (human) ] |
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|------------------------|------|
| <b>Official Symbol</b> | PNCK |
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| <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 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; |
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| <b>Gene ID</b> | 139728 |
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| <b>mRNA Refseq</b> | NM_001039582 |
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| <b>Protein Refseq</b> | NP_001034671 |
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| <b>MIM</b> | 300680 |
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| <b>UniProt ID</b> | Q6P2M8 |
|-------------------|--------|

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