

Active Recombinant Full Length Human PNCK Protein, GST-tagged

Cat. No. PNCK-1155HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CaMK1 β [1-343(end) amino acid of accession number Q6P2M8] was expressed as N- terminal GST-fusion protein (66 kDa) using baculovirus expression system. GST-CaMK1 β was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-343(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	62%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name pregnancy up-regulated non-ubiquitously expressed CaM kinase

Official Symbol PNCK

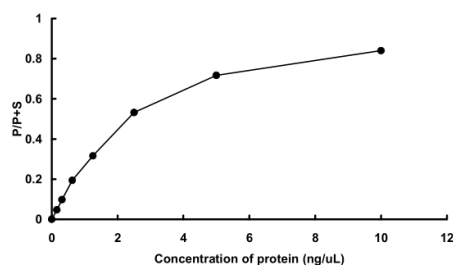
Synonyms PNCK;BSTK3;CaMK1b;MGC45419

Protein Refseq [Q6P2M8](#)

UniProt ID [Q6P2M8](#)

Activity data

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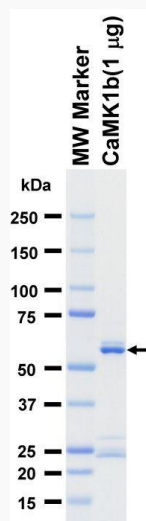
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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