

Recombinant Mouse Pnck, GST-tagged, Active

Cat. No. Pnck-259M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length mouse CAMK1beta was expressed by baculovirus in Sf9 insect cells using a N-terminal GST tag. MW = 64 kDa.
Species	Mouse
Source	Sf9 Cells
Description	CAMK1 β is thought to be involved in a variety of developmental processes including development of the central nervous system. CAMK1 β 2, an isoform of mCAMK1 β , is mainly present in the nervous system, including brain, spinal cord, trigeminal ganglion, and retina. Within the CNS, the expression of CAMK1 β 2 is detected in the mantle zone suggesting its possible involvement in the differentiation of neurons.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	Pnck pregnancy upregulated non-ubiquitously expressed CaM kinase [Mus musculus]
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Synonyms	Pnck; pregnancy upregulated non-ubiquitously expressed CaM kinase; Punc; Bstk3; Camk1b; CaMKIb2; caMKIb1; CaMKIb2; OTTMUSP00000019264; OTTMUSP00000019516; OTTMUSP00000019517; calcium/calmodulin-dependent protein kinase 1, beta; EC 2.7.11.17
Gene ID	93843
mRNA Refseq	NM_012040
Protein Refseq	NP_036170
UniProt ID	Q9QYK9
Chromosome Location	X A7.3; X 23.5 cM
Function	ATP binding; calcium ion binding; calmodulin binding; calmodulin-dependent protein kinase activity; kinase activity; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; transferase activity