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	CAMKIβ is thought to be involved in a variety of developmental processes including development of the central nervous system. CAMKIβ2, an isoform of mCAMKIβ, is mainly present in the nervous system, including brain, spinal cord, trigeminal ganglion, and retina. Within the CNS, the expression of CAMKIβ2 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℃. 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; CaMKIbeta2; 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

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