

Recombinant Mouse Pkib Protein, Myc/DDK-tagged

Cat. No. Pkib-4886M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein kinase inhibitor beta, cAMP dependent, testis specific (Pkib), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains.
Molecular Mass	8.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pkib protein kinase inhibitor beta, cAMP dependent, testis specific [Mus musculus (house mouse)]
Official Symbol	Pkib
Synonyms	PKIB; protein kinase inhibitor beta, cAMP dependent, testis specific; cAMP-dependent protein kinase inhibitor beta; PKI-beta; protein kinase, cAMP-dependent, catalytic, inhibitor 2; cAMP-dependent protein kinase inhibitor, testis isoform; Pkibeta; Prkacn2
Gene ID	18768
mRNA Refseq	NM_001039052
Protein Refseq	NP_001034141
UniProt ID	Q3TZU5

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