Recombinant Mouse Pbk Protein, Myc/DDK-tagged

Cat. No. Pbk-4691M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PDZ binding kinase (Pbk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization.
Molecular Mass	36.7 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.

GENE INFORMATION

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Gene Name	Pbk PDZ binding kinase [Mus musculus (house mouse)]
Official Symbol	Pbk
Synonyms	PBK; PDZ binding kinase; lymphokine-activated killer T-cell-originated protein kinase; PDZ-binding kinase; MAPKK-like protein kinase; T-LAK cell-originated protein kinase; TOPK; AW538537; D14Ertd732e; 2810434B10Rik
Gene ID	52033
mRNA Refseq	NM_023209
Protein Refseq	NP_075698
UniProt ID	Q9JJ78

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