

Product datasheet for **TP504854**

Pbk (NM_023209) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PDZ binding kinase (Pbk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204854 protein sequence Red =Cloning site Green =Tags(s)

MEGINNFKTPNKSEKRKSVLCSTPCVNIPASPFMQKLGFGTGVSVYLMKRSPRGLSHSPWAVKKISLLCD
DHYRTVYQKRLTDEAKILKLNHPNIIGYRAFTEASDGSCLAMEYGGKSLNDLIEERNKDSGSPFPAA
VILRVALHMARGLKYLHQEKLLHGDIKSSNVVIKGFETIKICDVGVSPLDENMTVTDPEACYIGTEP
WKPKEALEENGIITDKADVFAFGLTLWEMMTLCIPHVNLPPDDVDEDATFDESDFDDEAYYAALGTRPSI
NMEELDDSYQKAIELFCVCTNEDPKDRPSAAHIVEALELDGQCCGLSSKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_075698
Locus ID:	52033
UniProt ID:	Q9JJ78



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RefSeq Size:	1663
Cytogenetics:	14 34.36 cM
RefSeq ORF:	993
Synonyms:	2810434B10Rik; AW538537; D14Ert732e; TOPK
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]