

Recombinant Mouse Pcp4 Protein, Myc/DDK-tagged

Cat. No. Pcp4-4719M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Purkinje cell protein 4 (Pcp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as a modulator of calcium-binding by calmodulin. Thereby, regulates calmodulin activity and the different processes it controls. For instance, may play a role in neuronal differentiation through activation of calmodulin-dependent kinase signaling pathways.
Molecular Mass	6.8 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	Pcp4 Purkinje cell protein 4 [Mus musculus (house mouse)]
Official Symbol	Pcp4
Synonyms	PCP4; Purkinje cell protein 4; brain-specific antigen PCP-4; brain-specific polypeptide PEP-19; Pcp-4; Pep19; P16Rimb19
Gene ID	18546
mRNA Refseq	NM_008791
Protein Refseq	NP_032817
UniProt ID	P63054

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