Recombinant Mouse Ppm1f Protein, Myc/DDK-tagged

Cat. No. Ppm1f-5047M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 1F (PP2C domain containing) (Ppm1f), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dephosphorylates and concomitantly deactivates CaM-kinase II activated upon autophosphorylation, and CaM-kinases IV and I activated upon phosphorylation by CaM-kinase kinase. Promotes apoptosis.
Molecular Mass	50.1 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	Ppm1f protein phosphatase 1F (PP2C domain containing) [Mus musculus (house mouse)]
Official Symbol	Ppm1f
Synonyms	PPM1F; protein phosphatase 1F (PP2C domain containing); protein phosphatase 1F; partner of PIX2; caM-kinase phosphatase; ca(2+)/calmodulin-dependent protein kinase phosphatase; calcium/calmodulin-dependent protein kinase phosphatase; Popx2; CaMKPase; mKIAA0015; 1110021B16Rik; 4933427B07Rik; MGC25978
Gene ID	68606
mRNA Refseq	NM_176833
Protein Refseq	NP_789803
UniProt ID	Q8CGA0

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