

Recombinant Mouse Frmpd4 Protein, Myc/DDK-tagged

Cat. No. Frmpd4-3086M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length FERM and PDZ domain containing 4 (Frmpd4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate.
Molecular Mass	144.6 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	Frmpd4 FERM and PDZ domain containing 4 [Mus musculus (house mouse)]
Official Symbol	Frmpd4
Synonyms	FRMPD4; FERM and PDZ domain containing 4; FERM and PDZ domain-containing protein 4; preso; PDZ domain containing 10; PDZ domain-containing protein 10; PSD-95-interacting regulator of spine morphogenesis; Gm196; Pdzd10; Pdzk10
Gene ID	333605
mRNA Refseq	NM_001033330
Protein Refseq	NP_001028502
UniProt ID	A2AFR3

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