

## Recombinant Mouse Frmpd4 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length FERM and PDZ domain containing 4 (Frmpd4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate.
<b>Molecular Mass</b>	144.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Frmpd4 FERM and PDZ domain containing 4 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Frmpd4</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">333605</a>
<b>mRNA Refseq</b>	<a href="#">NM_001033330</a>
<b>Protein Refseq</b>	<a href="#">NP_001028502</a>
<b>UniProt ID</b>	<a href="#">A2AFR3</a>

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