

Recombinant Mouse Mpp2 Protein, Myc/DDK-tagged

Cat. No. Mpp2-4125M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) (Mpp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Postsynaptic MAGUK scaffold protein that links CADM1 cell adhesion molecules to core components of the postsynaptic density. In CA1 pyramidal neurons, required for synaptic KCNN2-containing channel function and long-term potentiation expression. Seems to negatively regulate SRC function in epithelial cells.
Molecular Mass	61.6 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.

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GENE INFORMATION

Gene Name	Mpp2 membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) [Mus musculus (house mouse)]
Official Symbol	Mpp2
Synonyms	MPP2; membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2); MAGUK p55 subfamily member 2; discs large homolog 2; p55 subfamily member of MAGUK family; Dlg2; Dlgh2; Pals4; D11Bwg0652e
Gene ID	50997
mRNA Refseq	NM_016695
Protein Refseq	NP_057904
UniProt ID	Q9WV34

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