

Product datasheet for **TP508768**

Mpp2 (NM_016695) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) (Mpp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208768 protein sequence Red =Cloning site Green =Tags(s)

MPVAATNSESAMQQVLDNLGSLPNATGAAELDLIFLRGIMESPIVRSLAKAHERLEETKLEAVRDNNLEL
VQEILRDLAELAEQSSTAELARILQEPHFQSLLETHDSVASKTYETPPPSPGLDPTFSNQPVPPDAVRM
VGIRKTAGEHLGVTFRVEGGELVIARILHGGMVAQQGLLHVGDIKEVNGQPVGSDPRALQELLRSASGS
VILKILPSYQEPHLPRQVFKCHFDPARDSLSPCKEAGLRFNAGDLLQIVNQDDANWWQACHVEGGSA
GLIPSQLLEEKRAFKRDLELTPTSGTLCGSLSGKKKKRMMYLTTKNAEFDRHELLIYEEVARMPPFRR
KTLVLIQAQGVGRRSLKNLILWDPDRYGTTVPYTSRRPKDSEREGQGYSFVSRGEMEADIRAGRYLEHG
EYEGNLYGTRIDSIRGVVASGKVCVLDVNPQAVKVLRTAEFVYPYVVFIEAPDYETLRAMNRAALESVST
KQLTEADLRRTVEESSRIQRGYGHYFDLSLVNSNLERTFRELQTAMEKLRTEPQWVPVSWVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	61.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057904



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Locus ID:	50997
UniProt ID:	Q9WV34
RefSeq Size:	4142
Cytogenetics:	11 65.48 cM
RefSeq ORF:	1659
Synonyms:	D11Bwg0652e; Dlg2; Dlgh2; Pals4
Summary:	Postsynaptic MAGUK scaffold protein that links CADM1 cell adhesion molecules to core components of the postsynaptic density (By similarity). In CA1 pyramidal neurons, required for synaptic KCNN2-containing channel function and long-term potentiation expression (PubMed:26880549). Seems to negatively regulate SRC function in epithelial cells (By similarity).[UniProtKB/Swiss-Prot Function]