

## Product datasheet for TP307011M

### MPP2 (NM\_005374) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) (MPP2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207011 protein sequence Red=Cloning site Green=Tags(s)

MPVAATNSETAMQQVLDNLGSLPSATGAAELDLIFLRGIMESPIVRSLAKAHERLEETKLEAVRDNNLEL  
VQEILRDLAQLAEQSSTAAELAHILQEPHFQSLLETHDSVASKTYETPPSPGLDPTFSNQPVPPDAVRM  
VGIRKTAGEHLGVTFRVEGGELVIARILHGGMVAQQGLLHVGDIIKEVNGQPVGSDPRALQELLRNASGS  
VILKILPSYQEPHLPRQVFVKCHFDPARDSLIPCKEAGLRFNAGDLLQIVNQDDANWWQACHVEGGSA  
GLIPSQLLLEEKRAFKRDLELTPNSGTLCSLSGKKKKRMMYLTTKNAEFDRHELLIYEEVARMPPFRR  
KTLVLIQAQGVGRRSLKNKLMWDPDRYGTTPYTSRRPKDSEREGQGYSFVSRGEMEADVRAGRYLEHG  
EYEGNLYGTRIDSIRGVVAAGKVCVLDVNPQAVKVLRTAEFVYVVFIEAPDFETLRAMNRAALESIST  
KQLTEADLRRTVEESSRIQRGYGHYFDLCLVNSNLERTFRELQTAMEKLRTEPQWVPSWVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

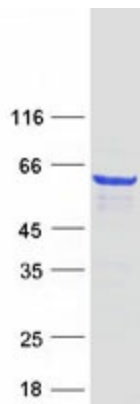
Tag:	C-Myc/DDK
Predicted MW:	61.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



[View online »](#)

<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>RefSeq:</b>	<a href="#">NP_005365</a>
<b>Locus ID:</b>	4355
<b>UniProt ID:</b>	<a href="#">Q14168</a> , <a href="#">D3DX48</a>
<b>RefSeq Size:</b>	4645
<b>Cytogenetics:</b>	17q21.31
<b>RefSeq ORF:</b>	1656
<b>Synonyms:</b>	DLG2
<b>Summary:</b>	Palmitoylated membrane protein 2 is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified MPP2 protein (Cat# [TP307011]). The protein was produced from HEK293T cells transfected with MPP2 cDNA clone (Cat# [RC207011]) using MegaTran 2.0 (Cat# [TT210002]).