

Product datasheet for **TP308903M**

MPP3 (NM_001932) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3) (MPP3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208903 protein sequence Red =Cloning site Green =Tags(s)

MPVLSSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKLSYLMKIHEKLRYYERQSPTPVLHSAVA
LAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAQKNFDPVLPPLPDNIDEDFDEESVKIVRL
VKNKEPLGATIRRDEHSGAVVVARIMRGGAADRSGLVHVGDELREVNGIAVLHKRPDEISQILAQSQGS
TLKIIPATQEEDRLKESKVFMRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVSQDDPTWWQAKRVGDTN
LRAGLIPSKGFQERRLSYRRAAGTLPSPQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRRSFRLGCRER
LGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGARLHELKQKVAENPQHFGVAVPHT
TRPRKSHEKEGVEYHFVSKQAFEADLHHNKFLEHGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQ
LRTSEFKPYIIFVKPAIQEKRTPPMSPACEDTAAPFDEQQQEMAASAAFIDRHYGHLVDAVLVKEDLQG
AYSQKVVLEKLSKDTHWVPVSWVR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	66 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.



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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_001923](#)

Locus ID: 4356

UniProt ID: [Q13368](#)

RefSeq Size: 2851

Cytogenetics: 17q21.31

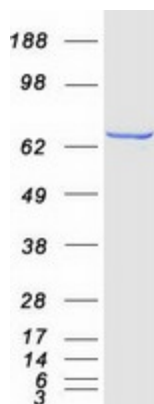
RefSeq ORF: 1755

Synonyms: DLG3

Summary: This gene product 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. This protein 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. Alternatively spliced transcript variants have been identified. One transcript variant is experimentally supported, but it doesn't encode a protein. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MPP3 protein (Cat# [TP308903]). The protein was produced from HEK293T cells transfected with MPP3 cDNA clone (Cat# [RC208903]) using MegaTran 2.0 (Cat# [TT210002]).