

Recombinant Human MPP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MPP3-6537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MPP3 MS Standard C13 and N15-labeled recombinant protein (NP_001923) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	66.2 kDa
AA Sequence	MPVLSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKSLSYLMKIHEKLRYYE RQSPTPVLHSAVALAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAQK NFDPLPPLPDNIDEDFDEESVKIVRLVKNKEPLGATIRRDEHSGAVVVARIMRGGAA DRSGLVHVGDELREVNGIAVLHKKRPDEISQILAQSQGSITLKIIPATQEEDRLKESKVF MRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVSQDDPTWWQAKRVGDTNLRAGL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IPSKGFQERRLSYRRAAGTLPSPQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRR
 SFRLGCRERLGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGAR
 LHELKQKVVAENPQHFGVAVPHTTRPRKSHEKEGVEYHFVSKQAFEADLHHNKFLE
 HGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQLRTSEFKPYIIFVKPAIQEKR
 KTPPMSPACEDTAAPFDEQQQEMAASAAFIDRHYGHLVDAVLVKEDLQGAYSQLKV
 VLEKLSKDTHWVPVSWVRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MPP3 membrane palmitoylated protein 3 [Homo sapiens (human)]

Official Symbol MPP3

Synonyms MPP3; membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3); DLG3; MAGUK p55 subfamily member 3; discs; large (Drosophila) homolog 3; membrane protein palmitoylated 3; discs large homolog 3; discs, large homolog 3;

Gene ID 4356

mRNA Refseq NM_001932

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

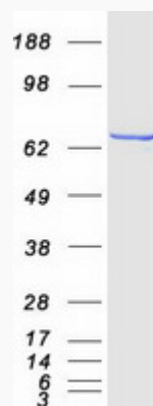
 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_001923

MIM 601114

UniProt ID Q13368

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA