

Recombinant Full Length Human MPP3 Protein, GST-tagged

Cat. No. MPP3-6328HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPP3 full-length ORF (AAH56865, 1 a.a. - 585 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	585 amino acids
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. [provided by RefSeq]
Molecular Mass	90.09 kDa
AA Sequence	MPVLSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKSLSYLMKIHEKLRYYE RQSPTPVLHSAVALAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAQK NFDPLVLPPLPDNIDEDFDEESVKIVRLVKNKEPLGATIRRDEHSGAVVVARIMRGGA DRSGLVHVGDELREVNGIAVLHKRPDEISQILAQSQGSITLKIIPATQEEDRLKESKVF MRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVSQDDPTWWQAKRVGDTNLRAGL

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IPSKGFQERRLSYRRAAGTLPSPQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRR
 SFRLGCRERLGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGAR
 LHELKQKVVAENPQHFGVAVPHTTRPRKSHEKEGVEYHFVSKQAFEADLHHNKFLE
 HGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQLRTSEFKPYIIFVKPAIQEKR
 KTPPMSPACEDTAAPFDEQQQEMAASAAFIDRHYGHLVDAVLVKEDLQGAYSQKLV
 VLEKLSKDTHWVPVSWVR

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

MPP3 membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3) [Homo sapiens]

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

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mRNA Refseq	NM_001932
Protein Refseq	NP_001923
MIM	601114
UniProt ID	Q13368

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