

Recombinant Human MPP3 Protein, GST-tagged

Cat. No. MPP3-5511H **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	Wheat Germ
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 NFDPLPLPDNIDEDFDEESVKIVRLVKNKEPLGATIRRDEHSGAVVVARIMRGGAA DRSGLVHVGDELREVNGIAVLHKRPDEISQILAQSQGSITLKIIPATQEEDRLKESKVF MRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVSQDDPTWWQAKRVGDTNLRAGL IPSKGFQERRLSYRRAAGTLPSPQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRR

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SFRLGCRERLGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGAR
LHELKQKVVAENPQHFGVAVPHTTRPRKSHEKEGVEYHFVSKQAFEADLHHNKFLE
HGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQLRTSEFKPYIIFVKPAIQEKR
KTPPMSPACEDTAAPFDEQQQEMAASAAFIDRHYGHLVDAVLVKEDLQGAYSQKLV
VLEKLSK DTHWVPVSWVR

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](#)

mRNA Refseq [NM_001932](#)

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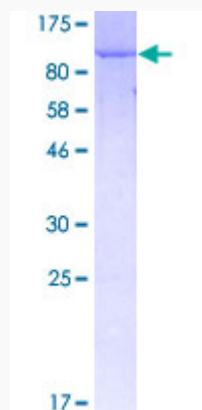
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Protein Refseq NP_001923

MIM 601114

UniProt ID Q13368

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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