

Recombinant Human MPP1 Protein, GST-tagged

Cat. No. MPP1-5507H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human MPP1 full-length ORF (AAH02392, 1 a.a. - 466 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | Palmitoylated membrane protein 1 is the prototype 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 1 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] |
| Molecular Mass | 77.00 kDa |
| AA Sequence | <p>MTLKASEGESGGSMHTALSDLYLEHLLQKRSRPEAVSHPLNTVTEDMYTNGSPAPG SPAQVKGQEVKVRILIQFEKVTEEPMGITLKLNEKQSCTVARILHGGMIHRQGS LHV GDEILEINGTNTNHSVDQLQKAMKETKGMISLKVIPNQQSRLPALQMF MRAQFDYD PKKDNLIPCKEAGLKFATGDIIQIINKDDSNWWQGRVEGSSKESAGLIP SPELQEWV VASMAQSAPSEAPSCSPFGKCKKYKDKYLAKHSSIFDQLDVVSYEEV VRLPAFKRKT LVLIGASGVGRSHIKNALLSQNPEKVFVYPVYTTTRPPRKSEEDG KEYHFISTEEMTRN ISANEFLEFGSYQGNMFGTKFETVHQIHKQNKIAILDIEPQTLKIV RTAELSPFIVFIAPT</p> |

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DQGTQTEALQQLQKDSEAIRSQYAHYFDLSLVNNGVDETLKKLQEAFDQACSSPQ
WVPVSWVY

| | |
|-----------------------|--|
| Applications | <p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p> |
| 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

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|------------------------|---|
| Gene Name | MPP1 membrane protein, palmitoylated 1, 55kDa [Homo sapiens] |
| Official Symbol | MPP1 |
| Synonyms | MPP1; membrane protein, palmitoylated 1, 55kDa; DXS552E, membrane protein, palmitoylated 1 (55kD); 55 kDa erythrocyte membrane protein; PEMP; p55; aging-associated gene 12; migration-related gene 1; erythrocyte membrane protein p55; palmitoylated erythrocyte membrane protein; MRG1; AAG12; EMP55; DXS552E; |
| Gene ID | 4354 |
| mRNA Refseq | NM_001166460 |
| Protein Refseq | NP_001159932 |

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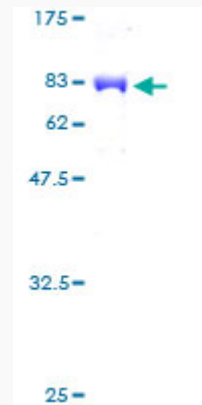
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MIM 305360

UniProt ID Q00013

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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