

Recombinant Human MPP1 Protein, GST-tagged

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

SPECIFICATION

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	MTLKASEGESGGSMHTALSDLYLEHLLQKRSRPEAVSHPLNTVTEDMYTNGSPAPG SPAQVKGQEVKVRLLIQFEKVTEEPMGITLKLNEKQSCTVARILHGGMIHRQGS LHV GDEILEINGTNVTNHSVDQLQKAMKETKGMISLKVIPNQQSRLPALQMFMRAQFDYD PKKDNLIPCKEAGLKFATGDIQIINKDDSNWWQGRVEGSSKESAGLIPSELQEW R VASMAQSAPSEAPSCSPFGKKKKYKDKYLAKHSSIFDQLDVVSYYEEVRLPAFKRKT LVLIGASGVGRSHIKNALLSQNPEKVVYPVPTTRPPRKSEEDGKEYHFISTEEMTRN ISANEFLEFGSYQGNMFGTKFETVHQIHKQNKIAILDIEPQTLKIVRTAELSPFIVFIAPT

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	DQGTQTEALQQLQKDSEAIRSQYAHYFDLSLVNNGVDETLKKLQEAFDQACSSPQ WVPVSWVY
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	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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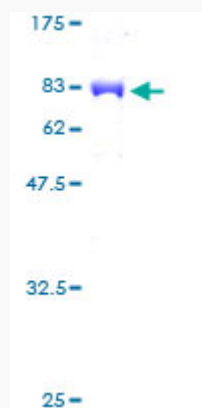
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MIM 305360

UniProt ID Q00013

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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