

Recombinant Full Length Human MPP1 Protein, GST-tagged

Cat. No. MPP1-6326HF **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	In Vitro Cell Free System
ProteinLength	466 amino acids
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 SPAQVKGQEVKVRLLIQFEKVTEETPMGITLKLNEKQSCTVARILHGGMIHRQGS LHV GDEILEINGTNVTNHSVDQLQKAMKETKGMISLKVIPNQQSRLPALQMFMRAQFDYD PKKDNLIPCKEAGLKFATGDIIQIINKDDSNWWQGRVEGSSKESAGLIPSELQEW R VASMAQSAPSEAPSCSPFGKKKKYKDKYLAKHSSIFDQLDVVSYYEEVRLPAFKRKT LVLIGASGVGRSHIKNALLSQNPEKFVYPVPYTTTRPPRKSEEDGKEYHFISTEEMTRN

 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

ISANEFLEFGSYQGNMFGTKFETVHQIHKQNKIAILDIEPQTLKIVRTAELSPFIVFIAPT
DQGTQTEALQQLQKDSEAIRSQYAHYFDLSLVNNGVDETLKKLQEAQACSSPQ
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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MIM	305360
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UniProt ID	Q00013
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