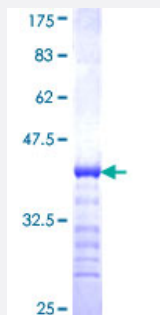


# MPP1 (Human) Recombinant Protein (Q01)

Catalog # H00004354-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |   |
|--------------------------------|---|
| <b>Product Description</b>     | Human MPP1 partial ORF ( NP_002427, 1 a.a. - 98 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Sequence</b>                | MTLKASEGESGGSMHTALSDLYLEHLLQKRSRPEAVSHPLNTVTEDMYTNGSPAPGSPAQVKG<br>QEVVRKVRLLIQFEKVTEPMGITLKLNEKQSCTVAR |
| <b>Host</b>                    | Wheat Germ (in vitro)   |
| <b>Theoretical MW (kDa)</b>    | 36.52   |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>   |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow   |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.   |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.   |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                  |

## Applications

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

## Gene Info — MPP1

Entrez GeneID [4354](#)

GeneBank Accession# [NM\\_002436](#)

Protein Accession# [NP\\_002427](#)

Gene Name MPP1

Gene Alias AAG12, DXS552, DXS552E, EMP55, MRG1, PEMP

Gene Description membrane protein, palmitoylated 1, 55kDa

Omim ID [305360](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000026054|aging-associated gene 12|erythrocyte membrane protein p55|membrane protein, palmitoylated 1 (55kD)|palmitoylated membrane protein 1