

MPP1 抗原（重组蛋白）

中文名称：MPP1 抗原（重组蛋白）

英文名称：MPP1 Antigen (Recombinant Protein)

别名：MRG1; PEMP; AAG12; EMP55; DXS552E

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 267-466 amino acids of human MPP1

技术规格：

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| Full name: | membrane palmitoylated protein 1 |
| Synonyms: | MRG1; PEMP; AAG12; EMP55; DXS552E |
| Swissprot: | Q00013 |
| Gene Accession: | BC002392 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | This gene encodes the prototype of the membrane-associated guanylate kinase (MAGUK) family proteins. MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intercellular junctions. The encoded protein is an extensively palmitoylated membrane phosphoprotein containing a PDZ domain, a Src homology 3 (SH3) motif, and a guanylate kinase domain. This gene product interacts with various cytoskeletal proteins and cell junctional proteins in different tissue and cell types, and may be involved in the regulation of cell shape, hair cell development, neural patterning of the retina, and apico-basal polarity and tumor suppress |

ion pathways in non-erythroid cells. Multiple transcript variants encoding different isoforms have been found for this gene.