

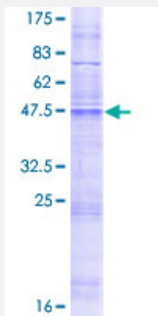
Full-Length

## MMD (Human) Recombinant Protein (P01)

Catalog # H00023531-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human MMD full-length ORF ( NP\_036461.2, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MRFKNRFQRFMNHRA PANGRYKPTCYEHAANCYTHAFLVPAMGSALLHRLSDDCWEKITAWIYG  
MGLCALFVSTVFHMSWKKSHLRTVEHCFHMCDRMVYFFIAASYAPWLNRLRELGPLASHMRWFI  
WLMAAGGTIVFLYHEKYKVVELFFYLTMGFSPALVVTSMNNTDGLQELACGGIYCLGVVFFKSD  
GIIPFAHAIWHLFVATAAAVHYAYWKYLYRSPTDFMRHL

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

54.1

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

#### Note

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 — MMD

**Entrez GeneID** [23531](#)

**GeneBank Accession#** [NM\\_012329.2](#)

**Protein Accession#** [NP\\_036461.2](#)

**Gene Name** MMD

**Gene Alias** MMA, PAQR11

**Gene Description** monocyte to macrophage differentiation-associated

**Omim ID** [604467](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This protein is expressed by in vitro differentiated macrophages but not freshly isolated monocytes. Although sequence analysis identifies seven potential transmembrane domains, this protein has little homology to G-protein receptors and it has not been positively identified as a receptor. A suggested alternative function is that of an ion channel protein in maturing macrophages. [provided by RefSeq]

**Other Designations** macrophage maturation-associated|progesterone and adiponectin receptor family member XI