

# Product Information

## **MemDX™ Membrane Protein Human MMD (Monocyte to macrophage differentiation associated) for Antibody Discovery**

Cat. No.: **MP0699X**

This product is for research use only and is not intended for diagnostic use.

This product is a 54.1 kDa Human MMD membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### **Host Species**

Human

#### **Target Protein**

MMD

#### **Protein Length**

Full-length

#### **Molecular Weight**

54.1 kDa

#### **TMD**

7

#### **Sequence**

MRFKNRFQRFMNHRA PANGRYKPTCYEHAANCYTHAFLIVPAIVGSALLHRLSDDCWEKITAWIYGMGLCALFIVSTVFHIVSWKKS

### Product Description

#### **Application**

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

#### **Expression Systems**

*in vitro* wheat germ expression system

#### **Tag**

GST-tag at N-terminal

#### **Form**

Liquid

#### **Purification**

Glutathione Sepharose 4 Fast Flow

**Buffer**

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

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

MMD

**Full Name**

Monocyte to macrophage differentiation associated

**Introduction**

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

**Alternative Names**

MMA; MMD1; PAQR11

**Gene ID**

[23531](#)

**UniProt ID**

[Q15546](#)