Recombinant Full Length Human MMD Protein, GST-tagged

Cat. No. MMD-6388HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMD full-length ORF (NP_036461.2, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	238 amino acids
Description	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
Molecular Mass	54.1 kDa
AA Sequence	MRFKNRFQRFMNHRAPANGRYKPTCYEHAANCYTHAFLIVPAIVGSALLHRLSDDC WEKITAWIYGMGLCALFIVSTVFHIVSWKKSHLRTVEHCFHMCDRMVIYFFIAASYAP WLNLRELGPLASHMRWFIWLMAAGGTIYVFLYHEKYKVVELFFYLTMGFSPALVVTS MNNTDGLQELACGGLIYCLGVVFFKSDGIIPFAHAIWHLFVATAAAVHYYAIWKYLYR SPTDFMRHL
Applications	Antibody Production Functional Study

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	Compound Screening
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	MMD monocyte to macrophage differentiation-associated [Homo sapiens]
Official Symbol	MMD
Synonyms	MMD; monocyte to macrophage differentiation-associated; monocyte to macrophage differentiation protein; MMA; PAQR11; macrophage maturation-associated; progestin and adipoQ receptor family member 11; progestin and adipoQ receptor family member XI; MMD1;
Gene ID	23531
mRNA Refseq	NM_012329
Protein Refseq	NP_036461
MIM	604467
UniProt ID	Q15546

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