Recombinant Full Length Human MMD2 Protein, GST-tagged

Cat. No. MMD2-6389HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMD2 full-length ORF (NP_940685.2, 1 a.a. - 246 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	246 amino acids
Description	This gene encodes a member of the PAQR (progestin and adipoQ receptor) family. Members of this family are evolutionarily conserved with significant sequence identity to bacterial hemolysin-like proteins and are defined by a set of seven transmembrane domains. The protein encoded by this gene localizes to the Golgi apparatus to modulate Ras signaling. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jun 2012]
Molecular Mass	55.2 kDa
AA Sequence	MFAPRLLDFQKTKYARFMNHRVPAHKRYQPTEYEHAANCATHAFWIIPSILGSSNLY FLSDDDWETISAWIYGLGLCGLFVVSTVFHTISWKKSHLRMVEHCIHMFDRMVIYFFI AASYAPWLNLRELGPWASHMRWLVWIMASVGTIYVFFFHERYKLVELLCYVVMGFF PALVILSMPNTEGIWELVTGGVFYCLGMVFFKSDGRIPFAHAIWHLFVAFGAGTHYY AIWRYLYLPSTLQTKVSK
Applications	Antibody Production

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	Functional Study 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	MMD2 monocyte to macrophage differentiation-associated 2 [Homo sapiens]
Official Symbol	MMD2
Synonyms	MMD2; monocyte to macrophage differentiation-associated 2; monocyte to macrophage differentiation factor 2; PAQR10; progestin and adipoQ receptor family member X; progestin and adipoQ receptor family member 10; monocyte-to-macrophage differentiation factor 2; FLJ37205;
Gene ID	221938
mRNA Refseq	NM_001100600
Protein Refseq	NP_001094070
MIM	614581
UniProt ID	Q8IY49

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