

Product datasheet for **SC332912**

MMD2 (NM_001270375) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MMD2 (NM_001270375) Human Untagged Clone
Tag: Tag Free
Symbol: MMD2
Synonyms: PAQR10
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332912 representing NM_001270375.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTTCGCCCCCGGCTGCTGGATTTCCAGAAGACGAAATACGCGAGGTTTCATGAACCACCGAGTCCCT
GCCCAAGAGGTACCAGCCCACAGAGTATGAACATGCGGCCAACTGTGCCACCCATGCTTTCTGGATC
ATCCCCAGCATCCTGGGAGCTCCAACCTCTACTTCTGTGCGGACGATGACTGGGAGACCATCTCTGCC
TGGATCTACGGCCTCGGCCTCTGCGGCCTTTCGTGGTGTCCACTGTGTTTCACACCATCTCTGGAAG
AAGAGCCACCTCAGGATGGTGAACACTGTCTACACATGTTTCGACCGGATGGTCATCTATTTCTTCATA
GCGGCTTCTACGCACCCTGGCTGAACCTTCGGGAGCTGGGCCCTGGGCTCCACATGCGCTGGCTG
GTCTGGATTATGGCTTCGGTGGGCACCATCTATGTCTTCTTCCATGAGCGGTACAAGCTTGTGGAG
CTTCTCTGCTACGTCTGAATGGGCTTCTCCCCGCCCTGGTCATCTCTCCATGGCGGGAACTGAGG
CCTGGCATGACTTGTCTAAAGAGGCAGTAG
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001270375
Insert Size: 582 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001270375.1</u>
RefSeq Size:	2412 bp
RefSeq ORF:	582 bp
Locus ID:	221938
UniProt ID:	<u>Q8IY49</u>
Cytogenetics:	7p22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	22.7 kDa
Gene Summary:	<p>This gene encodes a member of the PAQR (progesterin 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]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site as well as an alternate exon in the coding region compared to variant 1. It encodes isoform 3 which has a shorter and distinct C-terminus, compared to isoform 1.</p>