

Product datasheet for **SC316697**

MMD2 (NM_001100600) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MMD2 (NM_001100600) Human Untagged Clone
Tag:	Tag Free
Symbol:	MMD2
Synonyms:	PAQR10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316697 representing NM_001100600. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTCCGCCCCCGGCTGCTGGATTTCCAGAAGACGAAATACGCGAGGTTTCATGAACCACCGAGTCCCT
GCCACAAAGAGGTACCAGCCACAGAGTATGAACATGCGGCCAACTGTGCCACCCATGCTTTCTGGATC
ATCCCCAGCATCCTGGGAGCTCCAACCTCTACTTCTGTGCGACGATGACTGGGAGACCATCTCTGCC
TGGATCTACGGCCTCGGCCTCTGCGGCCTTTCGTGGTGTCCACTGTGTTTCACACCATCTCCTGGAAG
AAGAGCCACCTCAGGATGGTGAACACTGTCTACACATGTTGACCGGATGGTCATCTATTTCTTCATA
GCGGCTTCTACGCACCCTGGCTGAACCTTCGGGAGCTGGGCCCTGGGCTCCCACATGCGCTGGCTG
GTCTGGATTATGGCTTCGGTGGCACCATCTATGTCTTCTTCCATGAGCGAACAGGGAGCTGTGTG
CAGTTTCTTCGTGGGAGGCATGTCTAAGGCCGGCACGGCTTGTCTTCCCTGCCAGGTACAAGCTTGTG
GAGCTTCTCTGCTACGTCGTAATGGGCTTCTTCCCGCCCTGGTCATCCTCTCCATGCCAACACCGAG
GGCATCTGGGAGCTGGTACCGGAGGGGTCTTCTACTGCCTGGGCATGGTCTTCTCAAGAGTGACGGG
AGGATCCCCTTTGCCACGCCATCTGGCATCTTTGTAGCATTTGGTGTGTGTAACCCACTACTATGCC
ATCTGGAGGTACCTCTATCTGCCAGCACCTGCAGACCAAGGTGTCCAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100600
Insert Size:	813 bp



[View online »](#)

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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).
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_001100600.1</u>
RefSeq Size:	2434 bp
RefSeq ORF:	813 bp
Locus ID:	221938
UniProt ID:	<u>Q8IY49</u>
Cytogenetics:	7p22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	31.3 kDa
Gene Summary:	<p>This gene encodes a member of the PAQR (progesterone 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 (1) represents the longest transcript and encodes the longest isoform (1).</p>