

## Product datasheet for **RN207454**

### Omg (NM\_001005898) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Omg (NM_001005898) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Omg
Synonyms:	MGC105782
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207454 representing NM\_001005898  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTTTGATGGAATATCAGATATTGAAAATGTCTTCCTGCCTGTTTCATCCTTCTGTTTCTCACGCCTG  
GCATTTTATGCATTTGTCTCTCCAATGTATATGCACAGAGAGGCACAGGCATGTGGACTGTTTCAGGCAG  
AAACCTGACTACATTACCACCTGGACTGCAAGAGAACATTATACATTTAAACCTGTCTTATAACCACTTT  
ACTGATCTGCATAACCAGTTAACCCCTTATACCAATCTGAGGACCCTGGATATTTCAAACAACAGGCTTG  
AAAGTCTGCCTGCCAGTTACCTCGGTCTCTGGAACATGTCTGCTGCTAACAACAACATTAACTACT  
TGACAAATCTGATACTGTTATCAGTGGAACTTAAATACCTGGATGTTTCTAAGAATATGTTGGAAAAG  
GTTGTTCTCATAAAAAACCTTAAAGAAGTCTTGAGGTTCTTAACTCAGCAGTAATAAACTTTGGACAG  
TTCCAACCAACATGCCTTCCAACTACATATTGTGGACCTGTCTAATAACTCACTGACACAAATCCTTCC  
AGGGACATTAATAAACCTGACAAATCTCACACATCTTACCTGCACAACAATAAATTCACATTCATTCCA  
GATCAGTCTTTGACCACTCTTGCAAGAGATAACTCTTATAAATACAGGTGGTCATGTGACC  
ATACACAAAACATTACTTACTTACTGAAGTGGATGATGGAAACAAAAGCCCATGTGATAGGGATTCTTG  
TTCTAAGCAAGTATCCTCTCTGAAGGAACAGAGCATGTACCCACGCCTCCCGGATTTACTTCAAGCTTA  
TTTACTATGAGTGAGATGCAGACAGTGGACACCATTAACCTCTGAGTATGGTAACTCAACCTAAAGTGA  
CCAATATACCCAAACAATATCGAGGAAAAGACACCACATTTGGTGTACCCCTAAGCAAAGACACCACTTT  
TAGTAGCACTGATAGGGCTCTGGAGCCCTACCCAGAAGACACCCACAGAAATGACCAGTTCACGTGAA  
GCAGCAGCTGCAACTCTAACTATTCACCTCCAGGATGGAATGAGTTCAAATGCAAGCCTCACCAGTGCAG  
CAAAATCCTCCCAGCACCTGTGACCCTCAGCATAACTAGTGGCATGCCAAATAATTTCTCTGAAATGCC  
TCAACAGAGCACAAACCTTAACTTACGGAGGGAAGAAAACAACCTGCAAATGTAAAGACTCAGCCACCTTCC  
TCGGCTAGTGCTTGAAAAGTAAATGCCTCACTCTTTTAAATGCTCAATGCTGTGGTCATGCTGGCAGGCT  
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001005898

**Insert Size:** 1332 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).

**Reconstitution Method:**

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: NM\_001005898.3, NP\_001005898.3  
RefSeq Size: 1855 bp  
RefSeq ORF: 1332 bp  
Locus ID: 450224  
Cytogenetics: 10q25