

Product datasheet for **MC216577**

Oog2 (NM_198661) Mouse Untagged Clone

Product data:

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|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Oog2 (NM_198661) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Oog2 |
| Synonyms: | C85069 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC216577 representing NM_198661
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATTTCTATTCGCCACCCACTCTGATGGAGCTAGCAAGACAGTGTCTACTGAGGGATGAGTACTTGG
CCATTTCTGCTCTCAAGGACCTGCCAATATGATGTTCCAGTGATGTTAAGGAGGCATTATTGATGG
ACATACAAAGATCTTGACTGCCATGATACCTGTGTGGCCCTTCCCATACCTTTCTGTAGGAACGATGCTA
AAGAACCCTCAACTTAGACACTTTGAAGGCTGTTCTTGAGGAGATAGATATACTGATTTCAAACCAGTTT
TTCCAGTAGGTGCAAACCTCAGAGAGATCACTTTGAGCCATGATTTGGTTGTGGTATGGGCTGGATCCCA
TGAAGTTGAAGGCTTACCAGAGTTCATGGAACAGGAGAAGCCAGTTGAGAATAGTCTGGCTATGGGACA
AAGAACAAATTGAAAGTGACAACAGAATCCAATTCATGGAGGGCCACCTTGATGAATGTTCCACTTACT
TGTTGCAGTGGGCTACCAGAGAGAAGATTCCATTCATCTACACTGTAGAAAGCTGAAAAATTTATGGCTT
AACCAAAGCCGAGTCATAGAAATGTTCAAATGTACATGCAGAATATATAGAAGATCTGGAATCTCT
TGCTTTGCGCTAGAATATTTGGATTTTCTTAATCCCTATCTGAAACAGATGAGCAATCTACTCTCACTCA
CACTAGATGAGATCATATATACCCTCAATATAGATGATTATAGAAATCTTAATGAGGAAAAAGTGATTAC
AGTGATTTCTCATCTTCCACATTCACCATCTCCAGGAATCTATGTACATGGTGTCAATTTTATAGAA
TGTCTCAGGTGCCTGAAGAAGCCCTTGGAGTACTTTCGTTCACTGACTGTGACCTCTCACAGTCAGACT
TGGATTACCTCCCTATTGCCTGAATATTTTGGAGCTCAGATCTCTCCACCTGACTGATGTACGTTAAG
TAATTTACTTCTTGAGCCCTTGGGTTTCTCCTTGAGAGAGTTAGACATACCCTGAAATCCCTGCAATTA
ATGTCATGTGAAATGGGGGAACTCACTTCAATGCCCTGCTGCCCTAAGTCAATGTTACCAGCTCA
CAGTAAATTTCTATGGTAATGAACTCTCTGCTTTTCTGAAAAAATTTCTACACCACACAGCTAA
GCTTAGCCAGCTAGCTGATGAGCTATACCCTGCCCTCAGGAGTGTATGATAATAGGGATGTAGTACTA
TCACACAGATTAGAAAATTTTGTCTGAGCTCCTGGATATACTCAGGGCCATAAGAGAGCCCAAGAAAG
TCACCTTTGGTACAATCAAATGCTCCAAGTGTGGTGGGCTCCTATGTTTATGATCTGGAGACCCAATGTTG
CTTTTTGAAAAGAACCCTCCCTGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198661

Insert Size: 1431 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_198661.3](#), [NP_941063.1](#)
RefSeq Size: 1929 bp
RefSeq ORF: 1431 bp
Locus ID: 381570
UniProt ID: [Q7TPX8](#)
Cytogenetics: 4 E1