

Product datasheet for **MC213068**

Oxgr1 (NM_001001490) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxgr1 (NM_001001490) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oxgr1
Synonyms:	Cysltr3; Gm299; Gpr80; Gpr99; P2Y15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213068 representing NM_001001490 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTGAGCCACTGGACAGTCCAGCCAGTGATTCCGGATTTCTGGATTACCCAAGTGCTCTGGAAACT
GCACCGACGAGCAAATCTCATTCAAGATGCAGTACCTCCCGTCATCTATAGCATCATCTTCTCGTGGG
CTTCCCGGGGAACACAGTGGCCATCTCCATCTACATTTTCAAGATGCGGCCGTGGAGGGCAGTACAGTC
ATCATGCTGAACCTGGCCTTGACGGACTTGCTGTATCTGACCAGCCTCCCGTTCCCTCATCCATTACTATG
CCAGTGGTGAAAAGTGGATCTTTGGAGATTTTCATGTGCAAGTTCATCCGCTTCGGCTTCCACTTCAACCT
CTACAGCAGCATTCTTCTCCTCACCTGCTTCAGTCTTCCGTTACGTTGTGATCATTACCCGATGAGC
TGCTTTTCTATTAGAAAAGTGGCTGGGAGTGGTAGCTTGTGCCGGGTGTGGGTCATTTCTTTGGTAG
CTGTATGCCCATGACTTTCCTGATCACATCAACCACCCGGACCAATAGGTCTGCTTGCCTTGACCTCAC
CAGTTCAGATGACCTCACTACTAATCAAGTGGTACAATCTCATTTTGCAGCCACCACTTTCTGCCTGCCA
TTGGTGATAGTGACACTTTGCTACACGACAATTATCAGTACCCTGACTCACGGCCCTCGGACCCACAGCT
GCTTTAAGCAGAAGGCTCGGAGACTGACTATTCTGCTCCTCTGTTTCTATATATGTTTCTTACCCTT
CCACATCTTGAGGGTCATTCCGATCGAATCTCGCTGCTTCAATCAGCTGCTCCATCGAGAGTCACATC
CACGAAGCTTACATTGTTTCTAGACCATTAGCTGCTCTCAACACCTTTGGCAACCTGCTGTTATATGTTG
TGGTCAGCAATAACTTCCAGCAGGCACTTCTGCTCTATAGTGAGATGCAAAGCCAGTGGGGACCTTGAACA
AGGAAAAGAAAGACAGTTGCTCAAACAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3059_b04.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001001490
Insert Size:	1014 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:	<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_001001490.3</u> , <u>NP_001001490.1</u>
RefSeq Size:	3732 bp
RefSeq ORF:	1014 bp
Locus ID:	239283
UniProt ID:	<u>Q6IYF8</u>
Cytogenetics:	14 E4
Gene Summary:	Receptor for alpha-ketoglutarate. Seems to act exclusively through a G(q)-mediated pathway. [UniProtKB/Swiss-Prot Function]