

Product datasheet for **RN201138**

Oxgr1 (NM_207588) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxgr1 (NM_207588) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oxgr1
Synonyms:	Gpr80; P2Y15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201138 representing NM_207588 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTGAGACACTGGACAGCCAGCCAATGATTCTGATTTCTGGATTACATAACTGCTTTGGAAAAC
GCACTGATGAGCAAATCTCATTCAAGATGCAGTACCTCCCGTCATCTACAGCATCATCTTTCTCGTGGG
CTTCCCGGAAATACGGTGGCGATTTCCATCTACGTTTTCAAGATGCGACCTTGAAGAGCAGTACCATC
ATCATGCTGAACCTGGCCTTGACGGACTTGCTGTATCTGACCAGCCTCCCTTTCCTCATCCATTATTACG
CGAGCGGTGAAAACCTGGATCTTCGGGGATTTTCATGTGCAAGTTCATCCGATTTGGCTTCCATTTCAACCT
TTACAGCAGCATCCTTTCCTCACCTGCTTTAGCCTCTTCGGTTACATTGTGATCATTACCCGATGAGC
TGTTTTCTATTCAAGACTCGATGGCGGGTGGTGGCTTGCTGGGGTGTGGGTGATTTCTTTGGTAG
CTGTATGCCCATGACTTTCCTGATCACATCAACCACCCGGACCAATAGGTCTGCTTGCCTTGACCTCAC
CAGCTCAGATGACCTCACTACTATAAATGGTACAATCTCATTTTGACGGCTACCACTTTCTGCCTGCC
TTGCTGATAGTGACACTCTGCTACACGACGATTATCAGCACCTGACTCACGGACCTCGGACCCACAGCT
GCTTTAAGCAGAAGGCTCGGAGGCTGACGATCCTGCTCCTCTGTGTTCTATGTATGCTTTTTACCTT
CCACATCCTTAGGGTCATTCCGATCGAATCTCGCTGCTTTCAATCAGCTGCTCCATCGAGAGTCACATC
CACGAAGCTTACATTGTCTTAGGCCATTAGCTGCCCTCAACACCTTTGGCAACCTGCTGTTATATGTCG
TCGTCAGCAATAACTTCCAGCAGGCACTTCTGCTCCGCAGTGAGATGTAAGCCATCGGGACCTTGAACA
AGCAAAGAAAGACAGTTGCTCAAACAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_207588
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:	NM_207588.1 , NP_997471.1
RefSeq Size:	1014 bp
RefSeq ORF:	1014 bp
Locus ID:	290493
UniProt ID:	Q6Y1R5
Cytogenetics:	15q24
Gene Summary:	human homolog binds adenosine and AMP; induces Ca ²⁺ mobilization and cyclic AMP production [RGD, Feb 2006]