

Product datasheet for **SC211916**

OXGR1 (NM_080818) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: OXGR1 (NM_080818) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: OXGR1
Synonyms: aKGR; GPR80; GPR99; P2RY15; P2Y15
ACCN: NM_080818
Insert Size: 1063 bp
Insert Sequence: >SC211916 3'UTR clone of NM_080818

The sequence shown below is from the reference sequence of NM_080818. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAAAATTAGTTACTCAAACAACCCTTGA AATATTTTACTTTACTTAACCAAAAAACAATACTTGCTGA
TACTTTACCTAGCATCCTAAGATGTTCCAGGATGTCTCCCTCAATGGAACCTCGTAAACTGTGTAT
TCAAGTAATCATGTGCCAAGCCAGGGCAGAGCTTCTAGTTCTTTGCAATCCCTTTATTGAGCTCCTCC
ACTGGGGAGATATAAGAATGGGATGCATGTATATCAGCAAAGTATTAGACATAGTATTACAAGCTATT
GGAACCTCAGAGGCATCTTAGAGAACATCTGTTCCCACTTACTATATACACGAAACCAATTTTC
TTACCCTTGCCCTAGATTGCTCAGTAAATTTGTGCCAAGATAGGAGAAAACCAATCTTTTCACTCATCA
TTTCATGCTTCTCTGCACTCTGGGCCTATTTGTATTGAACCATTAGACAATCAAACCACTACTTGAT
CTTTCTTAATATTTATTTTACATCTCAGAGCTTACAATTTGTTTCCTTCAAGCTTAACTTTGAGAT
TATAAACTGGGTTTAGCCAGTTCTGTATATTACTTCAAGCCAGTAAGATACCCTTGAAATAATCCAAG
GACGTCCATGCAATAGTTGAAATTAGTACCTGCAATATATTTGGAGTATTATGTCTTTATTGTTGTTA
AAAAGTTTTTATTGAATGTATGAAAATTATCAAATTGTATTCATCATTATTAACATGTCCCTGGGGAAGG
AAGGGAACTTTCTAGGACAGAAGTCACTTTCAGATGTCATGTATGTATTGGGTGTTCAATCATATCTA
ACACTGTTTTGATTTTTGTGGGAAAATATTCCAGGAAACGCTAATTCTCTTTAGACTCCTTGTTCTTTT
ATGACTACAATGAACATATGTCTATGTGATAGCTAAAGATATTTTGAATTGTATGTGTGCTTAATTAT
CGGTAAGTATAAATATTTGAGAAAACACATGGTCTGGATATTTAAACCCTCATAAATGTTGGTACA
GTTAATAAACTTATTTATAATTATGTAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_080818.5</u>
Summary:	This gene encodes a G protein-coupled receptor (GPCR) that belongs to the oxoglutarate receptor family within the GPCR superfamily. The encoded protein is activated by the citric acid intermediate, oxoglutarate, as well as several cysteinyl leukotrienes, including leukotrienes E4, C4 and D4, which are implicated in many inflammatory disorders. In mice, a knock-out of this gene leads to middle ear inflammation, changes in the mucosal epithelium, and an increase in fluid behind the eardrum, and is associated with hearing loss. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Locus ID:	27199
MW:	40.8