

Product datasheet for **SC100553**

OXER1 (NM_148962) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OXER1 (NM_148962) Human Untagged Clone
Tag:	Tag Free
Symbol:	OXER1
Synonyms:	GPCR; GPR170; TG1019
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_148962, RT-PCR generated ATGTTGTGTACCGTGGTGGCCAGCTGATAGTGCCAATCATCCCACCTTTGCCCTGAGCAC TCTGTCAGGGGTAGAAGACTCCAGAACCCTCTCTCAGGCCCATGGCCCAAGCAGCCCATG GAACTTATAAACCTGAGCTCTCCATCTCCCTCTCTCTCCTCTGTTCTCCCTCCCTCC TTCTCTCCCTCACCTCCTCTGCTCCCTCTGCCTTTACCACTGTGGGGGGTCTCTGGA GGGCCCTGCCACCCACCTCTTCTCGCTGGTGTCTGCCTTCTGGCACCAATCTGGCC CTGGAGTTTGTCTGGGCTGGTGGGAACAGTTTGGCCCTTTCATCTTCTGCATCCAC ACGCGGCCCTGGACCTCCAACACGGTGTCTGGTCTGAGCTGGTGGCCGCTGACTTCCTC CTGATCAGCAACCTGCCCTCCGCTGGACTACTACCTCCTCCATGAGACCTGGCGCTTT GGGCTGCTGCCTGCAAAGTCAACCTCTTCATGCTGTCCACCAACCGCACGGCCAGCGTT GTCTTCTCACAGCCATCGCACTCAACCGCTACCTGAAGTGGTGCAGCCCCACACGCTG CTGAGCCGTGCTTCCGTGGGGGAGCTGCCCGGTGGCCGGGGACTCTGGGTGGGCATC CTGCTCCTCAACGGGCACCTGCTCCTGAGCACCTTCTCCGGCCCCCTCTGCCTCAGCTAC AGGGTGGGCACGAAGCCCTCGGCCTCGCTCCGCTGGCACCAAGCACTGTACCTGTGGAG TTCTTCTGCCACTGGCGCTCATCTTTGCTATTGTGAGCATTGGGCTCACCATCCGG AACCCTGGTCTGGGCGGGCAGGCAGGCCCGCAGAGGGCCATGCGTGTGCTGGCCATGGT GTGGCCGCTACACCATCTGCTTCTTGGCCAGCATCATCTTTGGCATGGCTTCCATGGT GCTTTCTGGCTGTCGCCCTGCCGCTCCCTGGACCTCTGCACACAGCTCTTCCATGGCTCC CTGGCCTTACCTACCTCAACAGTGTCTGGACCCGCTGCTCTACTGCTTCTAGCCCC AACTTCTCCACAGAGCCGGGCTTGGTGGCCCTCACGCGGGCCGGCAGGGCCAGTG AGCGACGAGAGCTCTACCAACCTCCAGGCAGTGGCGCTACCGGAGGCCTCTAGGAAG GCGGAGGCCATAGGAAGCTGAAAGTGCAGGGCGAGGTCTCTCTGAAAAGGAAGGCTCC TCCAGGGCTGA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_148962 unedited ATCTTGATTTGTAACCATTCTATATAGGCGGCCAGCCCTGTNGATGGAATCTGCAGAAT TCGGCTTAAACCCAGATGTTGTGTACCGTGGTGGCCAGCTGATAGTGCCAATCATCCC ACTTTGCCCTGAGCACTCTGCAGGGGTAGAAGACTCCAGAACCTTCTCTCAGGCCCATG GCCCAAGCAGCCCATGGAACCTCATAACCTGAGCTCTCCATCTCCCTCTCTCTCCTCCT TGTCTCCCTCCCTCCTTCTCTCCCTCACCTCCTCTGCTCCCTTGCCCTTTACCCTGT GGGGGGTCTCTGGAGGGCCCTGCCACCCACCTTCTCCTCGCTGGTGTCTGCCTTCTCT GGCACCAATCCTGGCCCTGGAGTTTGTCTGGCCTGGTGGGGAACAGTTTGGCCCTCTT CATCTTCTGCATCCACACGCGGCCCTGGACCTCCAACACGGTGTCTCTGGTCAGCCTGGT GGCCGCTGACTTCTCTGATCAGCAACCTGCCCTCCGCGTGGACTACTACCTCTCCA TGAGACCTGGCGCTTGGGGCTGCTGCCTGACAAGTCAACCTTTCATGCTGTCCACCAA CCGCACGGCCAGCGTTGTCTTCTCACAGCCATCGCACTCAACCGCTACCTGAAGTGGT GCAGCCCCACCACGTGCTGAGCCGTGCTCCGTGGGGCAGCTGCCCGGGTGGCCGGTGG ACTCTGGGTGGGCATCCTGCTGCTCACGGGCACCTGCTCCTGAGCACCTTCTCCGGCCCC TCCTGCCTCAGCTACAGGTGGGCACGAAGCCCTCGGCCTCGCTCCGCTAGCACCAGGCA CTGTACCTGCTGGAGTTCTNTCTGCCACTGGCGCTCATCTCTTGTCTATTGTGAGCATT GGGCTCACCATCCGGAACCGTGGTCTGGGCGN
Restriction Sites:	Please inquire
ACCN:	NM_148962
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_148962.3</u> , <u>NP_683765.1</u>
RefSeq Size:	1820 bp
RefSeq ORF:	1272 bp
Locus ID:	165140
UniProt ID:	<u>Q8TDS5</u>
Cytogenetics:	2p21
Protein Families:	Druggable Genome, GPCR, Transmembrane

Gene Summary:

Receptor for eicosanoids and polyunsaturated fatty acids such as 5-oxo-6E,8Z,11Z,14Z-eicosatetraenoic acid (5-OXO-ETE), 5(S)-hydroperoxy-6E,8Z,11Z,14Z-eicosatetraenoic acid (5(S)-HPETE) and arachidonic acid. Seems to be coupled to the G(i)/G(o), families of heteromeric G proteins.[UniProtKB/Swiss-Prot Function]