

Product datasheet for **SC302694**

GPR58 (TAAR2) (NM_001033080) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR58 (TAAR2) (NM_001033080) Human Untagged Clone
Tag: Tag Free
Symbol: GPR58
Synonyms: GPR58; taR-2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001033080 edited
ATGGCTGTCTCATCAGAGCAACATGAACTTTCACATTTCAAAGAACACAGACAAAAAAG
GAAAAATCAATTGCTCTGAATATGAAATAGATCTTGCCAGAAAATGAAAGATCTCTG
GGTGTCCGAGTGGCTATGTATTCATTTATGGCAGGATCCATATTCACAAATATTTGGC
AATCTTGCCATGATAATTTCCATTTCTACTTCAAGCAGTTCACACACCAACCAACTTC
CTCATCTCTCCATGGCCATCACTGATTTCTCCTGGGATTACCATCATGCCATATAGT
ATGATCAGATCGGTGGAGAAGTCTGGTATTTGGGCTTACATTTGCAAGATTTATTAT
AGTTTTGACCTGATGCTTAGCATAACATCCATTTTTCATCTTTGCTCAGTGGCCATTGAT
AGATTTTATGCTATATGTTACCCATTACTTTATCCACCAAAAATAACTATTCCAGTCATT
AAAAGATTGCTACTTCTATGTTGGTCCGTCCCTGGAGCATTGCTTTGGGGTGGTCTTC
TCAGAGGCCTATGCAGATGGAATAGAGGGCTATGACATCTGGTTGCTTGTCCAGTTCC
TGCCAGTGATGTCAACAAGCTATGGGGACCACCTGTTTATGGCAGGTTTCTTCACT
CCTGGGTCTATGATGGTGGGATTTATGGCAAAATTTTGCAGTATCCAGAAAACATGCT
CATGCCATCAATAACTTGCAGAAAAATCAAAATAATCAAGTGAAGAAAGACAAAAAAGCT
GCCAAAATTTAGGAATAGTGATAGGAGTTTCTTATTATGTTGGTTTCTTGTTCCTTC
ACAATTTTATTGGATCCCTTTTGAAGTCTCTACTCCTGTAGTTTTGTTGATGCCTTG
ACATGGTTTGGCTATTTAACTCCACATGTAATCCGTTAATATATGGTTTCTTCTATCCC
TGGTTTTCGAGAGCACTGAAGTACATTTTGGTAGGTAATAATTTTCAGCTCATGTTTCCAT
AATACTATTTTGTATGCAAAAAGAAAGTGAGTAG

Restriction Sites: Please inquire
ACCN: NM_001033080
Insert Size: 1000 bp



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| 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). |
| OTI Annotation: | The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001033080.1. |
| 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_001033080.1, NP_001028252.1</u> |
| RefSeq Size: | 1056 bp |
| RefSeq ORF: | 1056 bp |
| Locus ID: | 9287 |
| UniProt ID: | <u>Q9P1P5</u> |
| Cytogenetics: | 6q23.2 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Neuroactive ligand-receptor interaction |
| Gene Summary: | Orphan receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). |