

Product datasheet for **RC221567**

GPR58 (TAAR2) (NM_001033080) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR58 (TAAR2) (NM_001033080) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR58
Synonyms:	GPR58; taR-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC221567 representing NM_001033080 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGTCTCATCAGAGCAACATGAACTTTCACATTTCAAAGAACACAGACAAAAAGGAAAAATTCA
ATTGCTCTGAATATGGAAATAGATCTTGCCAGAAAATGAAAGATCTCTGGGTGCCGAGTGGCTATGTA
TTCATTTATGGCAGGATCCATATTCATCACAATATTTGGCAATCTTGCCATGATAATTTCCATTTCTAC
TTCAAGCAGCTTCACACCAACCAACTTCCTCATCCTCTCCATGGCCATCACTGATTTCTCCTGGGAT
TCACCATCATGCCATATAGTATGATCAGATCGGTGGAGAAGTCTGGTATTTTGGGCTTACATTTTGCAA
GATTTATTATAGTTTTGACCTGATGCTTAGCATAACATCCATTTTTCATCTTTGCTCAGTGGCCATTGAT
AGATTTTATGCTATATGTTACCCATTACTTTATTTCCACAAAATAACTATTCCAGTCATTAAGATTGC
TACTTCTATGTTGGTCCGCTCCCTGGAGCATTTGCCTTCGGGGTGGTCTTCTCAGAGGCCATGCAGATGG
AATAGAGGGCTATGACATCTTGTTGCTTGTCCAGTTCCTGCCAGTATGTTCAACAAGCTATGGGGG
ACCACCTGTTTATGGCAGGTTTCTTCACTCCTGGGTCTATGATGGTGGGATTTATGGCAAAATTTTG
CAGTATCCAGAAAACATGCTCATGCCATCAATAACTTGCAGAAAATCAAATAATCAAGTGAAGAAAGA
CAAAAAGCTGCCAAAACCTTAGGAATAGTATAGGAGTTTTCTTATTATGTTGGTTTCTTGTCTTCT
ACAATTTTATTGGATCCCTTTTGAACCTCTACTCCTGTAGTTTTGTTGATGCCTTGACATGGTTTG
GCTATTTTAACTCCACATGTAATCCGTTAATATATGGTTTTCTTCTATCCCTGGTTTCGAGAGCACTGAA
GTACATTTTGTAGTAAAATTTTCAGCTCATGTTTCCATAATACTATTTTGTGTATGCAAAAAGAAAGT
GAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_001033080.1](#), [NP_001028252.1](#)

RefSeq Size: 1056 bp

RefSeq ORF: 1056 bp

Locus ID: 9287

UniProt ID: [Q9P1P5](#)

Cytogenetics: 6q23.2

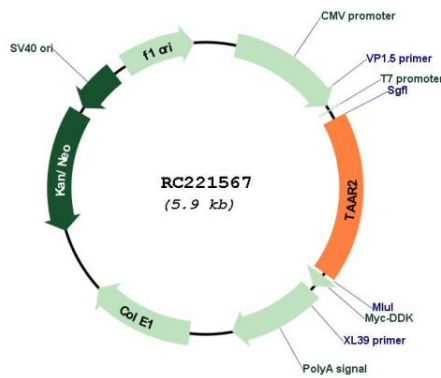
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 40 kDa

Gene Summary: Orphan receptor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC221567