

Product datasheet for **SC104514**

GPR 174 (GPR174) (NM_032553) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR 174 (GPR174) (NM_032553) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR 174
Synonyms:	FKSG79; GPCR17; LYPSR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032553, RT-PCR generated
ATGCCTGCTAATTACACGTGTACCAGGCCAGATGGAGACAATACAGATTTTCGATACTTT
ATTTATGCAGTGACATACACTGTCATTCTTGTGCCAGGTCTCATAGGGAATATATTAGCC
CTGTGGGTATTCTATGGTTATATGAAAGAAACAAACGAGCTGTGATATTTATGATAAAC
TTAGCCATTGCTGACTTACTACAAGTTCTTTCCTTGCCACTGAGGATCTTCTACTACTTG
AATCATGACTGGCCATTTGGCCTGGTCTCTGCATGTTCTGTTTCTACCTGAAGTATGTC
AACATGTATGCAAGCATCTACTTCTTGGTCTGCATCAGTGTGCGACGATTTTGGTTTCTC
ATGTACCCCTTTTCGCTTCCATGACTGCAAACAGAAATATGACCTGTACATCAGCATTGCT
GGCTGGCTGATCATCTGCCTTGCCTGTGTACTCTTCCACTCCTCAGAACCAGTGATGAT
ACCTCTGGCAATAGGACCAAATGCTTTGTGGATCTTCTACCAGGAATGTCAACCTGGCC
CAGTCCGTTGTTATGATGACCATTGGCGAGTTGATTGGGTTTGTAACTCCGCTTCTGATT
GTCCTATATTGTACCTGGAAGACGGTTTTATCACTGCAAGATAAATATCCCATGGCCAA
GATCTTGGAGAGAAACAGAAAGCCTTGAAGATGATTCTAACCTGTGCAGGGGATTTCCTA
ATTTGCTTTGCACCTTATCATTTTCAGTTTTCTTTAGATTTTCTGGTGAAGTCCAATGAA
ATTAAGCTGCCTAGCCAGAAGGGTATTCTAATATTTTCATTCTGTGGCATTGTGTCTT
GCTAGTCTGAATTCATGTCTTGACCCAGTCATATACTACTTTTCCACTAATGAGTTCCGA
AGACGGCTTTCAAGACAAGATTTGCATGACAGCATCCAACCTCCATGCAAAATCCTTTGTG
AGTAACCATACAGCTTCCACCATGACACCTGAATTATGCTAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032553 unedited GAATTTGGGATTTTGTAAACGACTTACTATAGGCGGCCGCCAGTCGTGATGGAATCTGCA GAATCGGCTTAATGCATGCCTGCTAATTACACGTGTACCAGGCCAGATGGAGACAATACA GATTTTCGATACTTTATTTATGCAGTGACATACACTGTCATTCTTGTGCCAGGTCTCATA GGGAATATATTAGCCCTGTGGGTATTCTATGGTTATATGAAAGAAACAAAACGAGCTGTG ATATTTATGATAAACTTAGCCATTGCTGACTTACTACAAGTTCTTTCCTTGCCACTGAGG ATCTTCTACTACTTGAATCATGACTGGCCATTTGGGCTGGTCTCTGCATGTTCTGTTTC TACCTGAAGTATGTCAACATGTATGCAAGCATCTACTTCTTGGTCTGCATCAGTGTGCGA CGATTTTGGTTTCTCATGTACCCCTTTCGCTTCCATGACTGCAAACAGAAATATGACCTG TACATCAGCATTGCTGGCTGGCTGATCATCTGCCTTGCCTGTGTACTCTTCCACTCCTC AGAACCAGTGATGATACCTCTGGCAATAGGACCAAATGCTTTGTGGATCTTCTACCAGG AATGTCAACCTGGCCAGTCCGTTGTTATGATGACCATTGGCGAGTTGATTGGGTTTGT ACTCCGCTTCTGATTGCCTATATTGTACCTGGAAGACGGTTTTACTGCAAGATAAA TATCCCATGGCCAAGATCTTGGAGAAGAACAGANAGCCTTGAAGATGATTCTAACCTGT GCAGGGGTATTCTAATTTGCCCTTGACCCTATCATTTTCAGTTTTCTTTAGATTTCTG GGTGAAGTCAATGAAGTAAAAGCTGCCTAGCCAGAAGGGTGATTCTAATANTTCATTCTG TGGCATTGTGTCTTGCTAGTCTGAATTN
Restriction Sites:	Please inquire
ACCN:	NM_032553
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_032553.1</u> , <u>NP_115942.1</u>
RefSeq Size:	1258 bp
RefSeq ORF:	1002 bp
Locus ID:	84636
UniProt ID:	<u>Q9BXC1</u>
Cytogenetics:	Xq21.1
Protein Families:	Druggable Genome, GPCR, Transmembrane

Gene Summary:

This gene encodes a protein belonging to the G protein-coupled receptor superfamily. These proteins are characterized by the presence of seven alpha-helical transmembrane domains, and they activate or interact with various endogenous or exogenous ligands, including neurotransmitters, hormones, and odorant and taste substances. This family member is classified as an orphan receptor because the cognate ligand has not been identified.
[provided by RefSeq, Sep 2011]