

Product datasheet for SC120361

GPR82 (NM_080817) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR82 (NM_080817) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR82
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_080817, RT-PCR generated</p> <pre>CCTGACATAAAATGAACAACAATACAACATGTATTCAACCATCTATGATCTCTCCATGGC TTTACCAATCATTACATCCTCCTTTGTATTGTTGGTGTTTTTGGAAACTCTCTCTCA ATGGATATTTTTAACAAAATAGGTAAAAAACATCAACGCACATCTACCTGTCACACCT TGTGACTGCAAACCTTACTTGTGTGCAAGTCCATGCCTTTCATGAGTATCTATTTCCCTGAA AGGTTTCCAATGGGAATATCAATCTGCTCAATGCAGAGTGGTCAATTTCTGGAACTCT ATCCATGCATGCAAGTATGTTTGTGAGTCTCTTAATTTAAGTTGGATTGCCATAAGCCG CTATGCTACCTTAATGCAAAAGGATTCCTCGCAAGAGACTACTTCATGCTATGAGAAAAT ATTTTATGGCCATTTACTGAAAAATTTTCGCCAGCCCACTTTGCTAGAAAACTATGCAT TTACATATGGGGAGTTGTACTGGGCATAATCATTCCAGTTACCGTATACTACTCAGTCAT AGAGGCTACAGAAGGAGAAGAGAGCCCTATGCTACAATCGGCAGATGGAAGTGGAGCCAT GATCTCTCAGATTGCAGTCTCATTGGAACACATTTATTGGATTTTCCTTTTTAGTAGT ACTAACATCATACTACTCTTTTGTAAAGCCATCTGAGAAAAATAAGAACCCTGTACGTCCAT TATGGAGAAAGATTTGACTTACAGTTCTGTGAAAAGACATCTTTTGGTCCATCCAGATTCT ACTAATAGTTTGCCTCCTTATAGTATTTTTAAACCCATTTTTATGTTCTACACCA AAGAGATAACTGTCAGCAATTGAATTATTTAATAGAAACAAAAACATTCTCACCTGTCT TGCTTCGCCAGAAGTAGCACAGACCCCATATATTTCTTTTATTAGACAAAACATTCAA GAAGACACTATATAATCTCTTTACAAAAGTCTAATTCAGCACATATGCAATCATATGGTTG AC</pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080817 unedited GGAGTCATCGGATTTGTNAAACGTTATTCATNTCAGGGCGGCCGCCACGTGTGATGGAAT CTGCAGAAATCGGCTTCTGCACATAAAATGAACAACAATACAACATGTATTCAACCATCTA TGATCTCTCCATGGCTTACCAATCATTTACATCCTCCTTTGTATTGTTGGTGTITTTG GAAACACTCTCTCAATGGATATTTTTAACAAAAATAGGTCAAAAAACATCAACGCAC ATCTACCTGTACACCTTGTGACTGCAAACTTACTTGTGTGCAGTGCCATGCCTTTCATG AGTATCTATTTTCTGAAAGTTTTCCAATGGGAATATCAATCTGCTCAATGCAGAGTGGTC AATTTTCTGGAACTCTATCCATGCATGCAAGTATGTTTGTGAGTCTCTTAATTTTAAGT TGGATTGCCATAAGCCGCTATGCTACCTTAATGCAAAAGGATTCTCGCAAGAGACTACT TCATGCTATGAGAAAATATTTTATGGCCATTTACTGAAAAAATTCGCCAGCCCACTTT GCTAGAAAATATGCATTTACATATGGGGAGTTGTACTGGGCATAATCATTCCAGTTACC GTATACTACTCAGTCATAGAGGCTACAGAACGAGAAGAGAGCCTATGCTACAATCGGCAG ATGGAAGTAGGAGCCATGATCTCTCAGATTGCAGGTCTCATTGGAACACATTTATTGGA TTTTCTTTTTAGTAGTACTAACATCATACTACTCTTTTGTAAAGCCATCTGAGCAAAAAT AGAACCTGTACGTCCATTATCGGAGAAAGATTTGACTTACAGTTCTGTGAAAAGACATCT TTTGGTCATCCAGATTCTACTAATAGATTGCTTCTTCTNATAATATTTTAAG
Restriction Sites:	Please inquire
ACCN:	NM_080817
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:	NM_080817.2 , NP_543007.1
RefSeq Size:	1441 bp
RefSeq ORF:	1011 bp
Locus ID:	27197
UniProt ID:	Q96P67
Cytogenetics:	Xp11.4
Protein Families:	Druggable Genome, GPCR, Transmembrane

Gene Summary:

The protein encoded by this gene is an orphan G protein-coupled receptor of unknown function. The encoded protein is a member of a family of proteins that contain seven transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. [provided by RefSeq, Sep 2011]