

Product datasheet for **SC115852**

GPR75 (NM_006794) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR75 (NM_006794) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR75
Synonyms:	GPRchr2; WI31133
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006794, the custom clone sequence may differ by one or more nucleotides

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ATGAACTCAACAGGCCACCTTCAGGATGCCCCCAATGCCACCTCGCTCCATGTGCCTCACTCACAGGAAG
GAAACAGCACCTCTCTCCAGGAGGGTCTTCAGGATCTCATCCACACAGCCACCTTGGTGACCTGTACTTT
TCTACTGGCGGTCACTTCTGCCTGGGTTCTATGGCAACTTCATTGTCTTCTGTCTTCTTCGATCCA
GCCTTCAGGAAATTCAGAACCAACTTTGATTTTCATGATCCTGAACCTGTCTTCTGTGACCTCTTCATTT
GTGGAGTGACAGCCCATGTTACCTTTGTGTTATTCTTCAGCTCAGCCAGTAGTATCCCGGATGCTTT
CTGCTTCACTTTCCATCTCACCAGTTCAGGCTTCATCATGTCTCTGAAGACAGTGGCAGTGATCGCC
CTGCACCGGCTCCGGATGGTGTGGGAAACAGCCTAATCGCACGGCCTCCTTCCCTGCACCGTACTCC
TCACCTGTCTTCTGGGCCACCACTTACCCTTGCCACCTGGCTACCTTGAAAACCAGCAAGTCCCA
CCTCTGTCTTCCCATGTCCAGTCTGATTGCTGGAAAAGGAAAGCCATTTGTCTCTATGTGGTCGAC
TTCACCTTCTGTGTTGCTGTGGTCTCTGTCTTACATCATGATTGCTCAGACCCTGCGGAAGAAGCCTC
AAGTCAGAAAGTGCCCCCTGTAATCACAGTCGATGCTCCAGACCACAGCCTTTCATGGGGTCCCTGT
GCAGGGAGGTGGAGATCCCATCCAGTGTGCCATGCCGGCTCTGTATAGGAACCAGAAATCAACAACACTG
CAGCACGTTCCAGACCCGTGGATATACCAAGAGTCCCAACCAACTGGTACCCCTGCAGCAAGCCGACTCC
AGCTCGTATCAGCCATCAACCTCTCCACTGCCAAGGATTCAAAGCCGTGGTACCTGTGTGATCATTGT
GCTGTCAGTCTGGTGTGCTGTCTTCCACTGGGATTTCTTGGTACAGGTGGTCTCTCCAGCAATGGG
AGCTTCATTCTTACCAGTTGAATTGTTGGATTACTCTTATATTTTTCAAGTCAGGATTAACCCCTT
TTATATATTCTCGAACAGTGCAGGGCTGAGAAGGAAAGTGTCTGGTGCCTCCAATACATAGGCCTGGG
TTTTTTCTGCTGCAACAAAAGACTCGACTTCGAGCCATGGGAAAAGGAACTCGAAGTCAACAGAAAC
AAATCTTCCCATCATGAAACAACTCTGCCTACATGTTATCTCAAAGCCACAGAAGAAATTTGTGACC
AGGCTTGTGGCCCAAGTCATTCAAAAGAAAGTATGGTGAGTCCCAAGATCTCTGCTGGACATCAACACTG
TGGTCAGAGCAGCTCGACCCCATCAACACTCGGATTGAACCTTACTACAGCATCTATAACAGCAGCCCT
TCCAGGAGGAGAGCAGCCATGTAACCTACAGCCAGTAACTCTTTGGATTTGCCAATTCATATATTG
CCATGCATTATCACACCACTAATGACTTAGTGCAGGAATATGACAGCACTTCAGCCAAGCAGATTCCAGT
CCCCTCCGTTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006794 unedited

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TTCGAAATTTGTATACGACTCACTATAGGGCGGCCCGAATTCGCACGAGGCCGGGATG
CGCGGAGGCGGTGGCGATGGCGATGATGCCTCTAGTCCTGCATCATCCAGAGCGGCAGGC
GGAGCTGGGGTCCGACTGCGAGATGGAGGAGGGCGGCGCTGCGGCCACCCGGCAGGCT
TATCTGTCTTGGGCTCTTTTGTACATATTGCTCATCTGTGAGCTGAGGCCCTGACTCA
CTGAGTATTTTTGGGAGCAGAAGAAGGAGACATTTCTCTCCGAAATGAACTCAACAGG
CCACCTTCAGGATGCCCCCAATGCCACCTCGCTCCATGTGCCTCACTCACAGGAAGGAAA
CAGCACCTCTCTCCAGGAGGGTCTTCAGGATCTCATCCACACAGCCACCTTGGTGACCTG
TACTTTTCTACTGGCGGTCACTTCTGCCTGGGTTCTATGGCAACTTCATTGTCTTCTT
GTCTTCTTTCGATCCAGCCTTCAGGAAATTCAGAACCAACTTTGATTTTCATGATCCTGAA
CCTGTCTTCTGTGACCTCTTCATTTGTGGAGTGACAGCCCATGTTACCTTTGTGTT
ATTCTTCAGCTCAGCCAGTAGTATCCCGGATGCTTTCTGCTTCACTTTCCATCTCACCAG
TTCAGGCTTCATCATCATGTCTCTGAAGACAGTGGCAGTGATCGCCCTGCACCGGCTCCG
GATGGTGTGGGAAACAGCCTAATCGCACGGCCTNNCTTTCCTGCACCGTACTCCTCAC
CCTGCTTCTCTGGGCCACCACTTACCCTTGCCACCTTGGNCTACCTTGAAACCAGNCA
GTCCCACCTCTGTCTTCCATGTNCACTGATTGCTGGAAAAGGAAAGCCATTTGTCTC
TCTATGTGGNCGACTTCACTTNTCTGTGCTGAGGGCTCTGTCTCT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006794 unedited CCCCCAATAGTGTGNACCGCGNCCGCTATTTTAGGATCGAGTTTTTTTTTTTTTTTTTTTT TTTTAAAAATCTAAAACCTTTCACATCAAATCTTAAGATGTCAACAACTACAAAGCAAAT CAACAGATACTGACACATCAGATGAAAGAAAACCATAACTGCCAACTTTTCAGTTGAATC TTGTAGTTTTGATCCGCCACTGATCTCAAGTTAGAATAAAGTCCATTACTATCAGAAAC AAAAACTGTTTACATAAGAGCCTATAGCCTCCATGACTTTAAACGGAGGGGACTGGAATC TGCTTGGCTGAAGTGTGCATATTCCCTGCACTAAGTCATTAGTGGTGTGATAATGCATG GCAATATATGAATTGGCAAATCCAAAAGAGTTTACTGGCTGTAAGTTACATGGGCTGCTC TCCTCCTGGGAAGGGCTGCTGTTATAGATGCTGTAGTAAGGTTCAATCCGAGTGTGATG GGGGTCGAGCTGCTCTGACCACAGTGTGATGTCCAGCAGAGATCTTGGGACTCACCATA CTTTCTTTTGAATGACTTGGGCCACAAGCCTGGTCCACAAATTTCTTCTGTGGCTTTGGA GATAACATGTAGGCAGAGTTTGTTCATGATGGGAGGATTTGTTTCTGTTGACTTCGAGG TTCCCTTTTCCATGGCTCGAAGTCGAGTCTTTGTTTGCAGCAGAAAAACCCAGGCCT ATGTATTGGAGGCACCAGAGCACTTTCCTTCTCAGCCCTGCACTGTTCCGAGAAATATAA CAGGGTTAATCCTGACTTGAAAATATAAGAGTAAATCCTAACATTCAAACCTGGTTAAGA ATGAAGCTCTCATTGCTGGAGAGAACCACCTGTACCAGGAAATTCAGTGGAGCCAGCA CACCAGTACTGACAGC
Restriction Sites:	NotI-NotI
ACCN:	NM_006794
Insert Size:	2250 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
RefSeq:	NM_006794.1 , NP_006785.1
RefSeq Size:	2054 bp
RefSeq ORF:	1623 bp
Locus ID:	10936
UniProt ID:	O95800
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins upon the binding of a ligand.[supplied by OMIM, Jul 2002]