

Product datasheet for **SC310238**

GPR162 (NM_019858) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR162 (NM_019858) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR162
Synonyms:	A-2; GRCA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```

>OriGene sequence for NM_019858 edited
GGGTGAGACCTAGCCCCACCCACAGAGCTCAAGGGGGTGGGGGGCTGAGGATAGGAT
GGCTCGGGGGCGGGGGCGGGGGCAGAGGAGGCCTCCCTGCGCTCCAACGCATTGTCCCTGGCT
GGCCTGTGGGCTCCTGGCGCTGTGGCCAATGCCTGGATCATCTCAGCATCTCGGCCAA
GCAGCAGAAGCACAAGCCACTGGAGCTGCTGCTGCTTCTAGCGGGCACACATACT
CATGGCAGCTGTGCCCTCACCACCTTTGCCGTGGTGCAGCTGCGTCGTCAAGCTTCCTC
CGACTATGACTGGAACGAGAGTATCTGCAAGGTCTTCGTGTCCACCTACTACACCCTGGC
GCTGGCCACCTGCTTACGGTCGCTCCCTCTCCTACCATCGCATGTGGATGGTGCCTG
GCCCGTCAACTACCGCTCAGCAACGCCAAGAAGCAGGCACTGCATGCCGTTCATGGGCAT
CTGGATGGTCAGCTTCATCCTCTCCACTGCCCTCCATTGGCTGGCACAACAACGGCGA
GCGCTACTATGCCCGGGCTGCCAGTTCATAGTCTCCAAGATCGGCCTCGGCTTTGGCGT
TTGCTTACGCTTGTACTTGGGGGAATTGTCATGGGTCTGGTCTGTGTGGCCATCAC
CTTCTACCAGACTGTGGGCCCGCCCGGAGGGCTCGGCAGGCCCGGAGAGTGGGGGG
TGGTGGGGGGACCAAAGCGGGTGGGCCAGGGCCTTGGGTACCCGGCCAGCTTTTGGAGT
ACCAGCCATTGTGGTGGAGGATGCCCGAGGGAAGCGGCGGTCTCGCTGGATGGCTCGGA
GTCTGCCAAGACATCCCTGCAGGTCACCAACTGGTCAAGCCATCGTCTTTCTCTATGA
CTCACTCACAGGGGTGCCATCTTGGTGGTGGAGCTTCTTCTCCCTCAAGTCGGACTCGGC
GCCCCCTGGATGGTGTGGCTGTGCTGTGGTGTCCATGGCACAGACGCTGCTGCTGCC
CTCCTTCACTGTGGTCTGCGAGCGCTACCGCGCCGACGTGCGCACAGTGTGGGAGCAATG
CGTGGCCATCATGTCTGAGGAGGATGGAGATGACGATGGGGGGCTGTGACGACTATGCAGA
GGGCCGAGTTTGCAAAGTTCGCTTTGATGCTAACGGAGCCACAGGACCAGGGAGCCGGGA
CCCCGCCAGGTGAAGCTGCTGCCTGGAAGGCACATGCTCTTCCCTCCTTGTAGAGAGT
CCACTACTTACAGGTCCCCTATCCCAGGCTGTGCCATGATGAGACAAACATCTTCTC
TACCCCTCGGGAACAGGCTCCTTCTGCAACAAGTGGTATCCTCTGATGACATCCGGGT
CCTCCCAGCCAGAGCCGGGCCCTCGGGGGTCTCCTGAGTACCTGGGACAAAGACACAG
GTTGGAGGACGAGGAGGACGAGGAAGAGGCTGAAGGTGGGGGGCTGGCCAGCCTTCGCCA
ATTCTTGGAGAGTGGGGTCTGGGGTCAGGTGGGGGACCCACGGGGTCTGGCTTCTT
CCGGGAGGAGATCACCACCTTCATCGATGAGACACCTCTGCCTTCTCCGACTGCCTCACC
AGGGCACTCTCCTCGTCGGCCCCGGCCACTGGGCCTCTCACCCCGCCGACTCTCCCTTGG
GTCCCCTGAGAGCAGAGCCGTTGGACTTCTTTGGGACTAAGCGCAGGGAGACGCTGCTC
CCTGACGGGGGTGAAGAAAGTGAAGGGCTTGGGGAGGATCCTGGGGCCAGGCAACCC
CATCTTTCCCAGCTGACCCTGTGAGCCCAAGCAGGCCTGCTGAACTCAGAGGAGAAAGC
CTGAGTGAGTAACACCTCATTCTGGCCGAGAGTAGGGCAGCTGCCTCCAGACTCTGGGGA
GACGGGCGCTAGATTTGGGGCTCAGAAGGCCCTGCTCTCTCCATCCAAGTGACCAGATG
CCCTACTCAGTTCCATCACCCCTAGCAATATGTATTAAGTCTGAAGTGTGGCCATGGA
AAAAAAAAAAAAAAAAAAAA
    
```

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_019858 unedited GATATTCGCCCGCCGTTGACGCAATGGGCGGTAGGCGTGTACGGTGGGGGGTCTATATAAG CAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGC GAATTCGGCAGCAGGGGTGAGACCTAGCCCCACCCACAGAGCTCAAGGGGGTGGGGGG CTGAGGATAGGATGGCTCGGGGCGGGGCGGGGCGAGAGGAGGCTCCCTGCGCTCCAACG CATTGCTGCTGGCTGGCCTGTGGGCTCCTGGCGCTGCTGGCCAATGCCTGGATCATCCTCA GCATCTCGGCCAAGCAGCAGAAGCACAAGCCACTGGAGCTGCTGCTCTGCTTCTAGCGG GCACACACATACTCATGGCAGCTGTGCCCTCACCACCTTTGCCGTGGTGCAGCTGCGTC GTCAGGCTTCTCCGACTATGACTGGAACGAGAGTATCTGCAAGGTCTTCGTGTCCACCT ACTACACCCTGGCGCTGGCCACCTGCTTACGGTGCCTCCCTCTCTACCATCGCATGT GGATGGTGCCTGGCCCGTCAACTACCGCTCAGCAACGCCAAGAAGCAGGCACTGCATG CCGTCATGGGCATCTGGATGGTCACTTCCCTCTCACACTGGCTCCATTGGCTGGC ACAACAACGGCGAGCGCTACTATGCGCGCGGCTGCCAGTTCATAGTCTCCAAGATCGGGC CTCGGCTTTGGCGTTGCTTACCTCCTGCTACTTGGGGGATTGTCATGGGTCTGGTCT GGGTGGCCACACCTTCTACAAAACCTGGGGGCCCGGCCCGAGGGTTCCGCGGCCCGGAA AGTGGGGGGGGGGGGGCCCAAGCCGGGGGCCAGGGGCCCTTGGGTCCCGGCCCGCT TTTGAGGGGCCACCN
Restriction Sites:	Please inquire
ACCN:	NM_019858
Insert Size:	2100 bp
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_019858.1</u> , <u>NP_062832.1</u>
RefSeq Size:	2516 bp
RefSeq ORF:	1767 bp
Locus ID:	27239
UniProt ID:	<u>Q16538</u>

Cytogenetics: 12p13.31

Domains: 7tm_1

Protein Families: Druggable Genome, GPCR, Transmembrane

Gene Summary: This gene was identified upon genomic analysis of a gene-dense region at human chromosome 12p13. It appears to be mainly expressed in the brain; however, its function is not known. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (A-2) represents the longer transcript, and encodes the longer isoform (2).