

Product datasheet for **SC304111**

GPR162 (NM_014449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR162 (NM_014449) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR162
Synonyms:	A-2; GRCA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_014449 edited CCATCATGCAATGCTGAGCACTGGGGTGGTGAGCTTCTTCTCCCTCAAGTCGGACTCGGC GCCCCCTGGATGGTGGCTGGCTGTGCTGTGGTGCTCCATGGCACAGACGCTGCTGTGCC CTCCTTTCATCTGGTCTCGGAGCGCTACCGCGCCGACGTGCGCACAGTGTGGGAGCAATG CGTGGCCATCATGTCTGAGGAGGATGGAGATGACGATGGGGGCTGTGACGACTATGCAGA GGGCCGAGTTTGCAAAGTTTCGCTTTGATGCTAACGGAGCCACAGGACCAGGGAGCCGGGA CCCCGCCAGGTGAAGCTGCTGCCTGGAAGGCACATGCTTCCCTCCTTTGAGAGAGT CCACTACTACAGGTCCCCTATCCCGGCGTCTGTCCCATGATGAGACAAACATCTTCTC TACCCCTCGGGAACCAGGCTCCTCCTGCACAAGTGGTCATCCTCTGATGACATCCGGGT CCTCCCAGCCCAGAGCCGGGCCCTCGGGGTCCTCCTGAGTACCTGGGACAAAGACACAG GTTGGAGGACGAGGAGGACGAGGAAGAGGCTGAAGGTGGGGGGCTGGCCAGCCTTCGCCA ATTCTTGAGAGTGGGGTCTGGGGTCAGGTGGGGGACCCACGGGGTCTGGCTTCTT CCGGGAGGAGATCACACCTTCATCGATGAGACACCTCTGCCTTCTCCGACTGCCTCACC AGGGCACTCTCCTCGTCGGCCCCGGCCACTGGGCTCTCACCCCGCCGACTCTCCCTTGG GTCCCCTGAGAGCAGAGCCGTTGGACTTCTTTGGGACTAAGCGCAGGGAGACGCTGCTC CCTGACGGGGGTGAAGAAAGTGCAAGGGCTTGGGGAGGATCCTGGGGCCAGGCAACCC CATCTTCCCCAGCTGACCCTGTGA
Restriction Sites:	Please inquire
ACCN:	NM_014449
Insert Size:	1000 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).



[View online »](#)

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:	NM_014449.1 , NP_055264.1
RefSeq Size:	1514 bp
RefSeq ORF:	915 bp
Locus ID:	27239
UniProt ID:	Q16538
Cytogenetics:	12p13.31
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (A-1) differs in the 5' UTR and the 5' coding region, compared to variant A-2. The resulting isoform (1) contains a distinct N-terminus, compared to isoform 2.</p>