

Product datasheet for **SC329147**

GPR156 (NM_001168271) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR156 (NM_001168271) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR156
Synonyms:	GABABL; PGR28
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001168271, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCCTGAAATAAACTGCTCTGAATTGTGTGACAGTTTTCTGGCCAGGAGCTGGAT
CGGAGACCCCTTCATGATCTCTGCAAGACAACAATTACATCTTCCCACCACAGCAGTAAG
ACCATCTCTTCATTATCTCCTGTCTCTGGGTATTGTTGGACTTTTCTCAGCTGTGGA
CTTCTGCTGATACTTTTCTTCTTGGCTTTACAATTCAGTGCAGGAAGAACAGGATTGTG
AAGATGTCAGTCCCAATCTGAACATTGTGACCTTACTGGGCAGTTGTCTCACTTACAGT
AGCGCTTACCTCTTTGGATTTCAGGATGTTTTAGTGGGGAGCTCAATGGAAACTCTCATT
CAGACAAGACTGTCCATGCTGTGCAATTGGGACCTCCCTTGTGTTTGGCCCCATTCTGGGA
AAGAGCTGGCGACTCTACAAGGTGTTTACCCAAAGGGTCCCGGACAAGAGAGTGATTATC
AAAGACCTGCAGTTGCTGGGGTTGGTGGCAGCCCTGTTGATGGCTGATGTGATCCTGCTC
ATGACGTGGGTGCTGACTGATCCCATCCAGTGCCTCCAGATTCTCAGTGTGACAGGGAAA
GACGTGCTCTGCACCTTCGACCAGCACCCACTTCTGTGCTTCCCGGTATTCCGATGTTTGG
ATTGCTCTCATTGGGGATGCAAGGGTCTGCTCCTGCTGTATGGTGCCTACCTGGCTGGC
CTGACTGGCCATGTCAGTCCCCTCCTGTGAATCAGTCCCTAACCATCATGGTGGGGGTC
AACCTCCTTGTACTGGCTGCTGGCTGCTTTTTGTAGTACCAGATACTTGCATTCTGGG
CCCAACCTGGTCTTTGGACTCACATCTGGAGGGATCTTTGTTTGTACAATAACAATCAAC
TGCTTCATCTTCAATCCCCAGCTGAAGCAATGGAAGGCATTTGAAGAGGAAAACCAAACA
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GAGGAGGAGAAGTCCACCCGAGGGGAGAGAAAAGCTCCATGGAGAGGCTCCTCAGAAA
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CCTTCGGGTACCTCTCTGACTTTCAGAATGATCCTGGCATGGCTGCCCGGGATTCCAG
TGCACTTCAGGGCCCTCCTCATATGCACAAAGCCTTGGGGGCTGGGAAGGACTCCAGC
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TCAGGTTGTAGCCAGAAGCCATGGACTGAGCAAAGCCTGGGTCCAGAAAGAGGAGACCAA
GTCCCCATGAACCCAGCCAGAGTCTCCTACCAGAAAGAGGGGCTCAGATCCCCAGAGA
CAGAGGCATCTGGAGAACTCAGAGGAGCCCCAGAGCGGGTCCAGGGTTAGTTCAGTA
ATCAGGGAGAAAATTCAGGAGGTCTTACAAGATCTGGCCTGGGCCCTGAGGCTTCCCTC
TCCACCGCCCCCTTGTGATCAGCAAACCTGGAAGAACAGTGTGCCTTCAAGCCCCAA
AAGATGCCCTCTCCAAGGAGCTCGGCTTAGCCCTTACATGGTGAAGAGAAGGCGGGCA
GCTCAGCGGGCCCGCTCACACTTCTGCTGCTGCACCCTCATCTGTGGGGCATCGGGCA
AACAGGACTGTTCTGGGGCACACAGCAGGCTACATGTGCAGAATGGGGACAGCCCCAGC
CTGGCCCCACAACTACTGATCCAGAGTACGAAGACCTTCTTCCAGGAAGCCTTCACTA
CCTTCAGATCCTCAAGACAGACCAGGTACCCTGGAGGGCAGCAAACAAAGCCAGACAGAG
CCCAGGGGGCTAGAGGGAGCAAAGCAGCCTTCTTCCGACGCTTCTGGTTCTGGCCGG
GCCCAAGTCTGCTGCCCATGCCTCTCAAAGCCTCACCTGACTTGCCTGAACAGTGG
CAGCTGTGGCCCCAGTGCCTCAGGCTGTGCCTCCCTGTCTTCAACACAGCTATTTT
GATACTGAGTCCAGCAGCTCAGATGAGTTCTTCTGCCGCTGCCACCGGCCCTACTGTGAA
ATCTGTTCCAGAGCTTCTGACTCTAGTGACAGTGGCACATCAGACACTGACCCTGAG
CCTACTGGGGGGCTGGCTTCTGGGAAAAGCTGTGGGCCCGCTCCAAGCCTATTGTGAAC
TTCAAAGATGACTTGAAACCCACGCTGGTGTGA
    
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Restriction Sites: Please inquire

ACCN: NM_001168271

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_001168271.1</u> , <u>NP_001161743.1</u>
RefSeq Size:	4188 bp
RefSeq ORF:	2433 bp
Locus ID:	165829
UniProt ID:	<u>Q8NFN8</u>
Cytogenetics:	3q13.33
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	<p>G protein-coupled receptors (GPCRs) are a large superfamily of cell surface receptors characterized by 7 helical transmembrane domains, together with N-terminal extracellular and C-terminal intracellular domains.[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>