

## Product datasheet for **SC310520**

### GPRC5D (NM\_018654) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPRC5D (NM_018654) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPRC5D
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_018654 edited ATGTACAAGGACTGCATCGAGTCCACTGGAGACTATTTTCTTCTCTGTGACGCCGAGGGG CCATGGGGCATCATTCTGGAGTCCCTGGCCATACTTGGCATCGTGGTCACAATTCTGCTA CTCTTAGCATTTCTTCTCCTCATGCGAAAGATCCAAGACTGCAGCCAGTGAATGTCCTC CCCACCCAGCTCCTTCTCCTGAGTGTCTGGGGCTCTTCGGACTCGCTTTTGCCCTTC ATCATCGAGCTCAATCAACAACTGCCCCGTACGCTACTTTCTCTTTGGGGTTCTCTTT GCTCTCTGTTTCTCATGCCTCTTAGCTCATGCCTCCAATCTAGTGAAGCTGGTTCGGGT TGTGTCTCCTTCTCCTGGACGACAATTCTGTGCATTGCTATTGGTTGCAGTCTGTTGCAA ATCATTATTGCCACTGAGTATGTGACTCTCATCATGACCAGAGGTATGATGTTTGTGAAT ATGACACCCTGCCAGCTCAATGTGGACTTTGTTGTACTCCTGGTCTATGTCCTTCTCCTG ATGGCCCTCACATTCTTCTGCTCCTCAAAGCCACCTTCTGTGGCCCGTGTGAGAACTGGAAG CAGCATGGAAGGCTCATCTTTATCACTGTGCTTCTCCTCATCATCTGGGTGGTGTGG ATCTCCATGCTCCTGAGAGGCAACCCGAGTTCAGCGACAGCCCAAGTGGGATGACCCG GTCGTCTGCATTGCTCTGGTCAACGCATGGGTTTTCTGCTGCTGTACATCGTCCCT GAGCTCTGCATTCTACAGATCGTGTAGACAGGAGTGCCTTTACAAGGCAATGCCTGC CCCGTCACAGCTACCAACACAGCTTCCAAGTGGAGAACCAGGAGCTCTCCAGAGCCCGA GACAGTATGGAGCTGAGGAGGATGTAGCATTAACTTCATATGGTACTCCATTAGCCG CAGACTGTTGATCCACACAAGAGTGTTCATCCACAGGCTAACTAAGCCCCAGCAA GATGCAGGAGGAGTATAA
Restriction Sites:	Please inquire
ACCN:	NM_018654
Insert Size:	1000 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_018654.1</a></u> , <u><a href="#">NP_061124.1</a></u>
<b>RefSeq Size:</b>	1038 bp
<b>RefSeq ORF:</b>	1038 bp
<b>Locus ID:</b>	55507
<b>UniProt ID:</b>	<u><a href="#">Q9NZD1</a></u>
<b>Cytogenetics:</b>	12p13.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Gene Summary:</b>	The protein encoded by this gene is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined. [provided by RefSeq, Jul 2008]