

## Product datasheet for SC109480

### GPR63 (NM\_030784) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPR63 (NM_030784) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR63
Synonyms:	PSP24(beta); PSP24B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC109480 sequence for NM_030784 edited (data generated by NextGen Sequencing)

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ATGGTCTTCTCGGCAGTGTGACTGCGTTCATACCGGGACATCCAACACAACATTTGTC
GTGTATGAAAACACCTACATGAATATTACTCCCTCCACCATTCCAGCATCCTGACCTC
AGTCCATTGCTTAGATATAGTTTTGAAACCATGGCTCCCACTGGTTTGAGTTCCTTGACC
GTGAATAGTACAGCTGTGCCACAACACCAGCAGCATTTAAGAGCCTAAACTTGCCTCTT
CAGATCACCCCTTCTGCTATAATGATATTCATTCTGTTTGTGCTTTTCTTGGAACCTG
GTTGTTTGCCTCATGGTTTACCAAAAAGCTGCCATGAGGTCTGCAATTAACATCCTCCTT
GCCAGCCTAGCTTTTGCAGACATGTTGCTTGCAGTGTGAACATGCCCTTGGCCTGGTA
ACTATTCTTACTACCCGATGGATTTTTGGGAAATCTTCTGTAGGGTATCTGCTATGTTT
TTCTGGTTATTTGTGATAGAAGGAGTAGCCATCCTGCTCATCATTAGCATAGATAGGTTT
CTTATTATAGTCCAGAGGAGGATAAGCTAAACCCATATAGAGCTAAGGTTCTGATTGCA
GTTTCTTGGGCAACTTCTTTTGTGTAGCTTTTCTTTAGCCGTAGGAAACCCCGACCTG
CAGATACCTTCCCGAGCTCCCAAGTGTGTGTTGGGTACACAACCAATCCAGGCTACCAG
GCTTATGTGATTTTGATTTCTCTCATTTCTTTCTCATACCCCTTCTGGTAATACTGTAC
TCATTTATGGGCATACTCAACACCCTTCGGCACAATGCCTTGAGGATCCATAGCTACCCT
GAAGGTATATGCCTCAGCCAGGCCAGCAAACCTGGGTCTCATGAGTCTGCAGAGACCTTTC
CAGATGAGCATTGACATGGGCTTTAAAACACGTGCCTTACCACCTATTTTGATTCTCTTT
GCTGTCTTCATTGTCTGCTGGGCCCAATCACCACCTTACAGCCTTGTGGCAACATTCAGT
AAGCACTTTTACTATCAGCACAACTTTTTGAGATTAGCACCTGGCTACTGTGGCTCTGC
TACCTCAAGTCTGCATTGAATCCGCTGATCTACTACTGGAGGATTAAGAAATTCATGAT
GCTTGCCTGGACATGATGCCTAAGTCCTTCAAGTTTTTGGCCGAGCTCCCTGGTCACACA
AAGCGACGGATACGTCCTAGTGTCTATGTGTGTTGGGGAACATCGGACGGTGGTGTGA

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Clone variation with respect to NM\_030784.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_030784 unedited</p> <pre>TACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGCAAAGGACTCTTGTGGAAG ATGGAACCTATTGTCCATTTTCCAGAATGTATTTCCAAGCCCATCAATGGGACCTGATAC TGCTGTTCTGTGTTGAAATGCTTGAAGAACTCCTGCATCTCTGCTTGCATCTTCCATCCT ACTGAAACCATGGTCTTCTCGGCAGTGTGACTGCGTTCATACCGGGACATCCAACACA ACATTTGTCGTGTATGAAAACACCTACATGAATATTACACTCCCTCCACCATTCCAGCAT CCTGACCTCAGTCCATTGCTTAGATATAGTTTTGAAACCATGGCTCCCCTGGTTTGAGT TCCTTGACCGTGAATAGTACAGCTGTGCCACAACACCAGCAGCATTTAAGAGCCTAAAC TTGCCTCTTCAGATCACCTTTCTGCTATAATGATATTCTGTTTGTGTCCTTTCTT GGGAACCTGGTTGTTGCTCATGGTTTACCAAAAAGCTGCCATGAGGTCTGCAATTAAC ATCCTCCTTGCAGCCTAGCTTTTGCAGACATGTTGCTTGCAGTGTGAACATGCCCTTT GCCCTGGTAACTATTCTTACTACCCGATGGATTTTGGGAAATCTTCTGTANGGTATCT GCTATGTTNTCTGGTTATTTGTGATAGAAGGAGTAGCCATCCTGCTCATCATTAGCATA GATAGGTTCTTATTATAGTCCAGAGGCANGATAAGCTAAACCATATAGAGNCTAAGGNN TCTGATNGCAGTTTCTTGGGCAACTTCTTTTGGTGTAGCTTTTCTTTTACGCTANGAA ACCCACCTGCAGATACCTCCGAGCTCCAAGGGGTGTTGTTGGGTACACCAATCCA GCTACANGCTNAGTGAATATTGATTCTCTCATTNCTTTCTCATACCTNCTGNGAAACTGN CCTCATTATGGCATACTCACACCTCGNCATGCCCTTGAGACCCTNACCCGGGAGTTATT T</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_030784 unedited</p> <pre>AACTATGGACCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTCA GTGTTTCTGTAATGCTTTCATATTTCTTTTGGTAGTTAGAAAATAAAGGCTAATTTTTAA AAAGAATATCATAGTCTAAAAAATAAAGGATGCATAGAGTTCCCTCTTGACTATGTGAC ATCTAAACTGAATGAACTGTCTGCGTGGCACAGTGAACAGCGCAGTCTCAGGATTCTGA CAGATTTTTGGATCCCAGCTCTACCACTAACCTTGGGCAGGATTTTAGTCCCTCTGAGAC CTGCTTTCTTACCTGTAAAAATGAAAACAATAATACCTACCTCACAACATCCTGTAAAGG ATAAAATGATGCACAGTGCCTGCACATAGGTGTCCATAAATAACAACCCCTTCTCCCTA TACTCCACAAAAACCCTTGAGTAAAAGGAATCACCACAGCCTGTACCAGCCACTTGCCAT CCCCCTCACTACATTACCTTTTAAATTTGCAAGGATCCTGTCTCCTAGATTTTGGCCTA TTGCTTGAAGAGTTGCTATTGTGCTTAGAAAAGTATCTACATTTTATGTTCTCTTTTACA ACTGTACATGCAGATAAAACATTTCTTAAACTATCTTCCATAAATGATAATGCACATT TCTTAAAGCACATATCATGTATAAAAACAATTCTGAAAAATAAGACTGAATTAATTTGTA CATTATCTCTTAAAGTGACCANAGTAAATAGTAATGACCCCTTAAATGTCGCTAACCTT CCTGGGTTAGNTTTAAAAATAAATAATATATGATTGAGATGTTTGTCCATGTGATG GTAAAGCAGCAGTGTCTCAGNAAAAAGTCTTGATACTCAATAGCAACCTAGCAGCCACG AACACTACATCATGACTGCAGCTCATAAGCACATCTGATCCACTGAAACAATCATCAG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030784
<b>Insert Size:</b>	2710 bp
<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>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>	<a href="#">NM_030784.1</a> , <a href="#">NP_110411.1</a>
<b>RefSeq Size:</b>	1892 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	81491
<b>UniProt ID:</b>	<a href="#">Q9BZJ6</a>
<b>Cytogenetics:</b>	6q16.1
<b>Domains:</b>	7tm_1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a G protein-coupled receptor. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. 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>