

## Product datasheet for **SC116804**

### GPR25 (NM\_005298) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPR25 (NM_005298) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR25
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_005298 edited CGTGAAGAGCAAACCCCTCCTGCTCAGAGCTGCTGCCGCTGCGCCAGGGCTGCACTC CGCGCAGGCCTCATAGCCAGGCCATGGCCCCACAGAGCCTGGAGCCCCAGCCGGGGT CAGCGCCCTGGGACTACTCGGGGTTGGACGGCCTGGAGGAGCTGGAGCTGTGTCCGGCCG GGGACCTGCCCTACGGCTACGTCTACATCCCCGCGCTTACCTGGCGGCCTTCGCGGTGG GCCTGCTGGGCAACGCCTTTGTGGTGTGGCTGCTGGCCGGGCGGCGGGGCCGCGGCGGC TGGTGGATACCTTCGTGCTGCACCTGGCGGCAGCTGACCTGGGCTTCGTGCTCACGCTGC CGCTGTGGGCCGCGGCGGCGGCGCTAGGCGGCCGCTGGCCGTTCCGGCGATGGCCTTGCA AGCTCAGCAGCTTCGCGCTGGCGGGCACGCGCTGCGCGGGCGCGCTGCTGCTGGCGGGCA TGAGCGTGGACCCTACCTGGCCGTGGTGAAGCTGCTCGAGGCGAGGCCACTGCGCACCC CGCGCTGCGCGCTGGCCCTCGTGTGCTGCGGCGTCTGGGCCGTGGCGCTGCTGGCCGGCCTGC CCTCCCTGGTCTACCGGGGGTTGCAGCCCTGCCTGGGGGCCAGGACAGCCAGTGCGGCG AGGAGCCCTCCCACGCCTTCCAGGGCCTCAGCTTGTGCTGCTGCTGACCTTCGTGCTG TGCCCTGGTTCGTACCCCTTTCTGCTACTGCCGATCTCGCGCCGCTGCGACGGCCGC CGCACGTGGGTCGGGCCCGGAGGAACCTGCTGCGCATCATCTTCGCCATCGAGAGCACGT TTGTGGGTCCTGGTGCCTTCAGCGCCCTGCGGGCCGTCTCCACCTGGCGCTGCTGG GGGCGTCCGCTGCCGTGCCCTGCTGCTGGCGCTGCGCTGGGGCCTCACCATTGCCA CCTGCCTGGCCTTCGTCAACAGCTGCGCAACCCGCTCATCTACCTCCTGCTGGACCCT CATTCCGAGCCCGGGCGCTGGACGGGCTGCGGGCGCACCGGCCCTGGCGCGAAGGA TCAGCTCAGCCTCCTCGCTCTCCAGGGACGACAGTTCCGTGTTCCGTTGCCGGGCCAGG CCGCGAACACTGCCTCGGCTCCTGGTGTGCTGCCCCGGGCGCTGGAGGTGGGCGGCAGC GGAGCATCGAGAGGAGGCCAGAGG
Restriction Sites:	Please inquire
ACCN:	NM_005298
Insert Size:	1100 bp



[View online »](#)

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	<p>The ORF of this clone has been fully sequenced and found to be a perfect match to NM_005298.2.</p>
<b>Components:</b>	<p>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).</p>
<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>	<p><a href="#">NM_005298.2</a>, <a href="#">NP_005289.2</a></p>
<b>RefSeq Size:</b>	<p>1086 bp</p>
<b>RefSeq ORF:</b>	<p>1086 bp</p>
<b>Locus ID:</b>	<p>2848</p>
<b>UniProt ID:</b>	<p><a href="#">O00155</a></p>
<b>Cytogenetics:</b>	<p>1q32.1</p>
<b>Protein Families:</b>	<p>Druggable Genome, GPCR, Transmembrane</p>
<b>Gene Summary:</b>	<p>This gene is intronless and encodes a member of the G-protein coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. This gene has been linked to arterial stiffness. [provided by RefSeq, Nov 2012]</p>