

## Product datasheet for **SC333142**

### GPR176 (NM\_001271855) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GPR176 (NM\_001271855) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** GPR176  
**Synonyms:** HB-954  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333142 representing NM\_001271855.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCAGCTCCACTGCTTCTATTTCTAGAACCTTTGGGAACTTCATGGTGTTATGGTCAACTTGCCGC  
ACAACCGTGTTCAAATCTGTCACCAACAGGTTTCATTAACCTGGCCTGCTCGGGGATTGTGCCAGC  
CTGGTCTGTGTCCTTCGACATCATCCTCAGCACCAGTCCTCACTGTTGCTGGTGGATCTACCCATG  
CTCTTCTGCAAGTCGTCAAATTTTGCACAAAGTATTCTGCTCTGTGACCATCCTCAGTTCCTGCT  
ATTGCTTTGGACAGGTAATACTACTCAGTCTCTATCCACTGGAGAGGAAAAATCTGATGCCAAGTCCCGT  
GAACTGGTGATGTACATCTGGGCCATGCAGTGGTGGCCAGTGTCCCTGTGTTTGCAGTAACCAATGTG  
GCTGACATCTATGCCACGTCCACCTGCACGGAAGTCTGGAGCAACTCCTTGGGCCACCTGGTGTAGGTT  
CTGGTGTATAACATCACCACGGTCATTGTGCCTGTGGTGGTGGTGTTCCTCTTCTTGATACTGATCCGA  
CGGGCCCTGAGTGCCAGCCAGAAGAAGAAGGTCATCATAGCAGCGCTCCGGACCCACAGAACACCATC  
TCTATTCCTATGCCTCCCAGCGGGAGGCCGAGCTGCACGCCACCCTGCTCTCCATGGTGATGGTCTTC  
ATCTTGTGTAGCGTGCCCTATGCCACCCTGGTGTCTACCAGACTGTGCTCAATGTCCCTGACACTTCC  
GTCTTCTGTGCTCACTGCTGTTTGGCTGCCAAAGTCTCCCTGCTGGCAAACCCTGTTCTCTTTCTT  
ACTGTGAACAAATCTGTCCGAAGTCTTGATAGGGACCCTGGTGCAACTACACCACCGGTACAGTCGC  
CGTAATGTGGTCAGTACAGGGAGTGGCATGGCTGAGGCCAGCCTGGAACCCAGCATACGCTCGGGTAC  
CAGCTCCTGGAGATGTTCCACATTGGGCAGCAGCAGATCTTTAAGCCACAGAGGATGAGGAAGAGAGT  
GAGGCCAAGTACATTGGCTCAGCTGACTTCCAGGCCAAGGAGATATTTAGCACCTGCCTGGAGGGAGAG  
CAGGGGCCACAGTTTGCCTCTGCCCCACCCTGAGCACAGTGGACTCTGTATCCCAGGTGGCACCG  
GCAGCCCTGTGGAACCTGAAACATTCCTGATAAGTATTCCTGCAGTTTGGCTTTGGGCTTTTGGAG  
TTGCTCCTCAGTGGCTCTCAGAGACCCGAAACAGCAAGAAGCGGCTGCTTCCCCCTTTGGGCAACACC  
CCAGAAGAGCTGATCCAGACAAAGGTGCCAAGGTAGGCAGGGTGGAGCGGAAGATGAGCAGAAACAAT  
AAAGTGAGCATTTTCCAAAGGTGGATTCTAG
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271855  
**Insert Size:** 1413 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>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_001271855.1</a></u>
<b>RefSeq Size:</b>	3700 bp
<b>RefSeq ORF:</b>	1413 bp
<b>Locus ID:</b>	11245
<b>UniProt ID:</b>	<u><a href="#">Q14439</a></u>
<b>Cytogenetics:</b>	15q14-q15.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>MW:</b>	52.3 kDa
<b>Gene Summary:</b>	<p>Members of the G protein-coupled receptor family, such as GPR176, are cell surface receptors involved in responses to hormones, growth factors, and neurotransmitters (Hata et al., 1995 [PubMed 7893747]).[supplied by OMIM, Jul 2008]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.</p>