

Product datasheet for **SC333141**

GPR176 (NM_001271854) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR176 (NM_001271854) Human Untagged Clone
Tag: Tag Free
Symbol: GPR176
Synonyms: HB-954
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333141 representing NM_001271854.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGACATAACGGGAGCTGGATCTCTCCAAATGCCAGCGAGCCGCACAACCGTCCGGCGCCGAGGCT
GCGGGTGTGAACCGCAGCGCGCTCGGGGAGTTCGGCGAGGCGCAGCTGTACCGCCAGTTCACCACCACC
GTGCAGGTCGTCATCTTCATAGGCTCGCTGCTCGAGTTTGGCAACATGGAGGTCCTAGAAAACCTTGAT
AAGAGCAGACTGCCTGGGATTAAGTTCATTAACAACTGGCCTGCTCGGGGATTTGTGCCAGCCTGGTC
TGTGTGCCCTTCGACATCATCCTCAGCACCAGTCTCACTGTTGCTGGTGGATCTACACCATGCTCTTC
TGCAAGGTCGTCAAATTTTGCACAAAGTATTCTGCTCTGTGACCATCCTCAGCTCCCTGCTATTGCT
TTGGACAGGTAATACTACTAGTCTCTATCCACTGGAGAGGAAAATATCTGATGCCAAGTCCCGTGAACGT
GTGATGTACATCTGGGCCATGCAGTGGTGGCCAGTGTCCCTGTGTTTGCAGTAACCAATGTGGCTGAC
ATCTATGCCACGTCCACCTGCACGGAAGTCTGGAGCAACTCCTTGGGCCACCTGGTGTACGTTCTGGTG
TATAACATCACCACGGTCATTGTGCCTGTGGTGGTGGTGTTCCTCTTCTGATACTGATCCGACGGGCC
CTGAGTGCCAGCCAGAAGAAGGTCATCATAGCAGCGCTCCGGACCCACAGAACACCATCTCTATT
CCCTATGCCTCCAGCGGGAGGCCGAGCTGCACGCCACCCTGCTCTCCATGGTGTGGTCTTCATCTTG
TGTAGCGTGCCCTATGCCACCCTGGTCTGCTACCAGACTGTGCTCAATGTCCCTGACACTCCGTCTTC
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AACAAATCTGTCCGCAAGTGTGATAGGGACCCTGGTGAACACTACACCACCGGTACAGTCGCCGTAAT
GTGGTCAGTACAGGGAGTGGCATGGCTGAGGCCAGCCTGGAACCCAGCATACGCTCGGGTAGCCAGCTC
CTGGAGATGTTCCACATTGGGCAGCAGCAGATCTTTAAGCCACAGAGGATGAGGAAGAGAGTGGAGCC
AAGTACATTGGCTCAGCTGACTTCCAGGCCAAGGAGATATTTAGCACCTGCCTGGAGGGAGAGCAGGGG
CCACAGTTTGGCCCTCTGCCCCACCCCTGAGCACAGTGGACTCTGTATCCAGGTGGCACCAGCCAGCC
CCTGTGGAACCTGAAACATTCCCTGATAAGTATCCCTGCAGTTTGGCTTTGGCCCTTTGAGTTGCTC
CCTCAGTGGCTCTCAGAGACCCGAAACAGCAAGAAGCGGCTGCTTCCCCCTTGGCAACACCCAGAA
GAGCTGATCCAGACAAAGGTGCCAAGGTAGCCAGGGTGGAGCGGAAGATGAGCAGAAACAATAAAGTG
AGCATTTTTCAAAGGTGGATTCTAG
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Restriction Sites: Sgfl-RsrII
ACCN: NM_001271854
Insert Size: 1545 bp



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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).
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_001271854.1</u>
RefSeq Size:	4539 bp
RefSeq ORF:	1545 bp
Locus ID:	11245
UniProt ID:	<u>Q14439</u>
Cytogenetics:	15q14-q15.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	56.9 kDa
Gene Summary:	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] Transcript Variant: This variant (2) contains an alternate in-frame exon and uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.