

Product datasheet for **SC115645**

GPR176 (NM_007223) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR176 (NM_007223) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR176
Synonyms:	HB-954
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_007223, the custom clone sequence may differ by one or more nucleotides

```

ATGGGACATAACGGGAGCTGGATCTCTCCAAATGCCAGCGAGCCGCACAACGCGTCCGGCGCCGAGGCTG
CGGGTGTGAACCGCAGCGCGCTCGGGGAGTTCGGCGAGGCGCAGCTGTACCGCCAGTTCACCACCACCGT
GCAGGTGCTCATCTTCATAGGCTCGCTCGGAACTTCATGGTGTATGGTCAACTTGCCGCACAACC
GTGTTCAAATCTGTCACCAACAGGTTCAATAAAACCTGGCCTGCTCGGGGATTTGTGCCAGCCTGGTCT
GTGTGCCCTTCGACATCATCCTCAGCACAGTCTCCTCACTGTTGCTGGTGGATCTACACCATGCTCTTCTG
CAAGGTGCTCAAATTTTTGCACAAAGTATTCTGCTCTGTGACCATCCTCAGCTTCCCTGCTATTGCTTTG
GACAGGTACTACTCAGTCTCTATCCACTGGAGAGGAAAATATCTGATGCCAAGTCCCGTGAAGTGGTGA
TGTACATCTGGGCCATGCAGTGGTGGCCAGTGTCCCTGTGTTTGCAGTAACCAATGTGGCTGACATCTA
TGCCACGTCACCTGCACGGAAGTCTGGAGCAACTCCTGGGCCACCTGGTGTACGTTCTGGTGTATAAC
ATCACCACGGTCAATTGTCCCTGTGGTGGTGGTGTCTCTCTTTGATACTGATCCGACGGGCCCTGAGTG
CCAGCCAGAAGAAGAAGTTCATATAGCAGCGCTCCGGACCCACAGAACCATCTCTATTCCCTATGC
CTCCAGCGGGAGGCCGAGCTGCACGCCACCTGCTCTCCATGGTGTATGGTCTTCACTTGTGTAGCGTG
CCCTATGCCACCCTGGTGTCTACCAGACTGTGCTCAATGTCCCTGACACTTCCGCTTCTTGTGCTCA
CTGCTGTTTGGCTGCCAAAAGTCTCCCTGCTGGCAAACCTGTTCTTTCTTACTGTGAACAAATCTGT
CCGCAAGTGTGATAGGGACCTGGTGAACCTACACCACCGGTACAGTCCCGTAAATGTGGTCACTACA
GGGAGTGGCATGGCTGAGGCCAGCTGGAACCCAGCATAACGCTCGGGTAGCCAGCTCCTGGAGATGTTCC
ACATTGGGCAGCAGCAGATCTTTAAGCCACAGAGGATGAGGAAGAGAGTGAAGCCAAAGTACATTGGCTC
AGCTGACTTCCAGGCCAAGGAGATATTTAGCACCTGCCTGGAGGGAGAGCAGGGGCCACAGTTTGCGCC
TCTGCCACCCCTGAGCACAGTGGACTGTATCCCAGGTGGCACCCGACCCCTGTGGAACTGAAA
CAATCCCTGATAAAGTATCCCTGCAGTTTGGCTTTGGCCCTTTGAGTTGCCTCCTCAGTGGCTCTCAGA
GACCCGAAACAGCAAGAAGCGGCTGCTTCCCCCTTGGGCAACACCCAGAAAGAGCTGATCCAGACAAAG
GTGCCAAGGTAGGCAGGTGGAGCGGAAGATGAGCAGAAACAATAAAGTGAATTTTTCCAAAGGTGG
ATTCCTAG
    
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007223 unedited

```

NGGTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCGCCAG
CCATGCAGAGGCAAAAAGCGCTGCGGAACGGGGTCCCCGTCCGCAAGTGTGAGGCAGGAG
GTCCGAGCCACAAGTGAAGGGCTGGGAAGCAGGACCCAGCACGGGCGTCTTGGCAGGCGG
CCGGGCGCAGGGCCAGGCTGCTGGGGACGCTCAGGGCTTTCCACCCAAGCCATGGGCGCT
GTCCGGCACTCGGGGTCCCCTCGTGGCTCCGGCCACTCGGCGTGGGCATTACATTGGCT
TCACATCGCCATCCAGCCTCGAAGCCAACAGGACTGAAAAATAGCTTCGGCCAAACGTTT
TCCTCCCCTAAGGAGAGGGGTCGAGTGCCTCAGCCCGAGGGGACTGGAGAGGGATGCCC
TAGCCCTCGAGGGCGGAGGACCCGCGTTGAAGGAGGCAGCGGAGCGGAGAGGCCCT
CCTTGACCATCGAATGCCTCCTTCTGTGTTTCCATTCCCTGTCGAGTGGGCTGGGCCACGC
TGACCACCCTGGAGGAGGACGGACGACGCTCGGCGGGCTCTGACCGTGCCGCTTCTTG
TGGCTGCTGACTGGGATCCAGGAGGGAGTGGGCATGGNGGCGCAGCCGCGCTCCCTCCC
TCCCCGCTTCCCGGGCGCCGGGTNTGGCGATGNTGGAGACGTGAGGGGANCCCGTCGG
CTGCTCCGGCTTCTCCAGGACTCCGCCAGGCGCCCGCGCTCTCTCNCGAGAGGGAAAA
AAGGAGAGGCTCANNCGGGGCTCCNAAGACGGNCGGGGCGCGGAACCCGAAGTCCAC
CCTCGCCATGGGACATACGGGAAGCTGGGATCTCTCAAATGCCAGCGANGGCGACAAC
CGCTCCGNGCCAAGTTGGGTGTGTGAACCCGCACGCTTC
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_007223 unedited TGTCCGCGCCGCATCTAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTGGCTTTTCAATTT TTTATTAATAATGGTATTCTTCAAAGATATAGAATACACCTGGCAATGACCTGTTAGTAGT CAGCCATCTGCTCAAACATATAAAGAAACATACCCAACCAGATTCTGCCTCATCAAAA TTTATTAAGTTGTACATATACAGTATATTATCAGAACAACACCAAAGTGGCTACACTTGA CAGATTCTCTAAAGTGGACATAATTTTCTAGAGATTATTATCCCTTGATAAAAGTT GTAATGATTGGGAAAGCTTTGAAAGACAAGCTTGAAGGGCCACAGCATTGACTATCAGGG CAAGGAGCTATAGATGCCATGCACGCAGGCCATAAAGGCAGCAGAGCCGAGGAGGCTG TGGCAGCCCCGTTTCTGCTGTGAGCAAACAGTGCTATGAGGAGACCAACAAAAGAGGAA GGTGCTTCTCTCCAGGGTAGGGTCTTTGGGTTACATTAGAAAACACAAGACACCACA CCCAAGAGAAGAAAGGAAAACAAAACCTCCCTACAGGGTCTGGGCTCCCTCCAAGAGACGG GGCCAGTGTGGCCAAAAGAGGGCACGAGTTGAGATGTGGAAGTTTGTGGTGAGGACACC CACTTCCCTTCAAGCTTGTCAAGGCACCAGACTAGCTCTGTNAGTACCAAGAGCAAGA TCAACAACACTCTATAGAAAAGGGCAGAGCTGGCGCTTGGTTNGTCCTCACTAACAGGGAA GTATTATCTGCGTTCTAATTCAACCTGGTAAATCCACCCAGAGGGGTCCCAAATTGC TTGTGAGGCTGATGAGTTGAGGAACTGCCCTCCCTCTCTACCAGTCTGGCTCTACACACA GGGAAGGNAGAGTGANAGCTCATCTGTTCAAATGTGCCTTGACCTACATGATATTTCTC CTGTCTGCTCTCTGGTCCAAATAAAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_007223
Insert Size:	4090 bp
OTI Disclaimer:	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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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. More info
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:	NM_007223.1 , NP_009154.1

RefSeq Size:	4542 bp
RefSeq ORF:	4542 bp
Locus ID:	11245
UniProt ID:	Q14439
Cytogenetics:	15q14-q15.1
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	<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 (1) represents the longest transcript and encodes the longest isoform (1).</p>