

Product datasheet for SC100361

GPR26 (NM_153442) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR26 (NM_153442) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100361 sequence for NM_153442 edited (data generated by NextGen Sequencing)

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ATGAACTCGTGGGACGCGGGCCTGGCGGGGCTACTGGTGGGCACGATGGGCGTCTCGCTG
CTGTCCAACGCGCTGGTGTCTGCTGCCTGCTGCACAGCGCGGACATCCGCCGCCAGGCG
CCGGCGCTCTTACCCTGAACCTCACGTGCGGGAACCTGCTGTGCACCGTGGTCAACATG
CCGCTCACGCTGGCCGGCGTCTGGCGCAGCGGACCGCGGGCGACCGCCTGTGCCGC
CTGGGTGCCTTCTCGACACCTTCTGGCTGCCAACTCCATGCTCAGCATGGCCGCGCTC
AGCATCGACCGCTGGGTGGCCGTGGTCTTCCCGCTGAGTACCGGGCCAAGATGCGCCTC
CGCGACGCGGCGCTCATGGTGGCCTACACGTGGCTGCACGCGCTCACCTCCCAGCCGCC
GCGCTCGCCCTGTCTGGCTCGGCTTCCACCAGCTGTACGCCTCGTGCACGCTGTGCAGC
CGGCGGCGGACGAGCGCCTGCGCTTCCCGCTTCACTGGCGCCTTCCACGCTCAGC
TTCTGCTCTCTTCTCGTGTGCTGCTGTCACGTACCTCAAGGTGCTCAAGGTGGCCCGC
TTCCATTGCAAGCGCATCGACGTGATCACCATGCAGACGCTCGTGTGCTGGTGGACCTG
CACCCAGTGTGCGGGAACGCTGTCTGGAGGAGCAGAAGCGGAGGCGACAGCGAGCCACC
AAGAAGATCAGCACCTTCATAGGGACCTTCTTGTGTGCTTCCGCGCCCTATGTGATCACC
AGGCTAGTGGAGCTTCTCCACGGTGCCATCGGCTCCCACTGGGGGTGCTGTCCAAG
TGCTTGGCGTACAGCAAGCCGCATCCGACCCCTTGTGTACTCCTTACTGCGACACCAG
TACCGAAAAGCTGCAAGGAGATTCTGAACAGGCTCCTGCACAGACGCTCCATCCACTCC
TCTGGCCTCACAGGCGACTCTCACAGCCAGAACATTCTGCCGGTGTCTGAGTGA

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Clone variation with respect to NM_153442.3
489 a=>g;642 g=>c



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_153442 unedited</p> <pre>CGCCGATCCGGGAATTGTAACGATTCCTACTATAGGCGGCCCGCCAGTGTGATGGGTATCTG CAGAATTCGGCTTGAACCATGAACTCGTGGGACGCGGGCCTGGCGGGGCTACTGGTGGG CACGATGGGCGTCTCGCTGCTGTCCAACGCGCTGGTGTGCTCTGCTGCTGCACAGCGC GGACATCCGCCGCCAGGCGCCGGCGCTCTTACCCTGAACCTCACGTGCGGGAACCTGTG GTGCACCGTGGTCAACATGCCGCTCACGCTGGCCGGCGTCTGGCGCAGCGGCAGCCGGC GGGCGACCGCCTGTGCCGCTGGCTGCTTCTCGACACCTTCTGGCTGCCAACTCCAT GCTCAGCATGGCCGCGCTCAGCATCGACCGCTGGGTGGCCGTGGTCTTCCCGCTGAGCTA CCGGGCCAAGATGCGCCTCCGCGACGCGCGCTCATGGTGGCCTACACGTGGCTGCACGC GCTCACCTTCCAGCCGCGCGCTCGCCCTGTCTGGCTCGGCTTCCACCAGCTGTACGC CTCGTGCACGCTGTGCAGCCGGCGGCGGACGAGCGCCTGCGCTTCCGCGTCTTCACTGG CGCCTTCCAGCTCTCAGCTTCTGCTCTCCTTCGTGCTGCTGCTGCACGTACCTCAA GGTGTCAAGGTGGCCCGCTTCCATTGCAAGCGCATCGACGTGATCACCATGCAGACGCT CGTGTGCTGGTGGACCTGCACCCAGTGTGCGGGAACGCTGTCTGGAGGAGCAGAAGCG GAGGCGACAGCGAGCCACCAAGAAGATCAGCACCTTCATAGGNACCTTCTTGTGTGCTT CGCGCCCTATGTGATCACCAGGCTAGTGGAGCTTCTCCACGTGCCCAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_153442 unedited</p> <pre>CCCTCCCCCANAAGTCNGTGGNACCGCGGCCCAATTNANGATCGACAGACTTGNAAATC GGTACCGAGCTCGGATCCACTATAACGGCCGCCATGTGCTGGAATTCGGCTTGGTCTTC ACTCAGACACCGGCAGAAATGTTCTGGCTGTGAGAGTCGCCTGTGAGGCCAGAGGAGTGA TGGAGCGTCTGTGCAGGAGCCTGTTTCAAGTCTCCTTGCAGCTTTTGGGTAAGTGGTGC GCAGTAAGGAGTACACAAAGGGGTGGATGCGGCCTTGTGTACGCCAAGCACTTGGACA GCACCCCCAGTGGGAGCCGATGGGCACCGTGGAGAAGAGCTCCACTAGCCTGGTATCA CATAGGGCGCGAAGCACACAAGGAAGTCCCTATGAAGGTGCTGATCTTCTTGGTGGCTC GCTGTGCGCTCCGCTTCTGCTCCTCCAGACAGCGTTCGCCACACTGGGGTGCAGGTCCA CCAGCAGCACGAGCGTCTGCATGGTGTACGTCGATGCGCTTGAATGGAAGCGGGCCA CCTTGAGCACCTTGAAGTACGTGCAGCAGAGCACGACGAAGGAGAGCAGGAAGCTGAGAG CGTGGAAGGCGCCAGTGAAGACGGCGAAGCGCAGGCGCTCGTCCGCGCCGGCTGCACA GCGTGCACGAAGCGTACAGCTGGTGAAGCCGAACCAGGACAGGGCGAGCGCGCGGCTG GGAAGGGTGAACCCGTGCAGCCACGTGTAGGCCACCATGAACGCCGCTCCCGGAGCCCC TTCTTGGCCCGGTGCTTACCGGGAAACCACGGCCCCCAACGGTTCGATGCTGAACGCG G</pre>
Restriction Sites:	Please inquire
ACCN:	NM_153442
Insert Size:	1150 bp
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_153442.1</u> , <u>NP_703143.1</u>
RefSeq Size:	7512 bp
RefSeq ORF:	1014 bp
Locus ID:	2849
UniProt ID:	<u>Q8NDV2</u>
Cytogenetics:	10q26.13
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	This gene encodes a G protein-couple receptor protein. G-protein-coupled receptors are a large family of membrane proteins that are involved in cellular responses to environmental stimuli, neurotransmitters, and hormones. The encoded protein may play a role in neurodegenerative diseases. Epigenetic silencing of this gene has been observed in gliomas. [provided by RefSeq, Sep 2016]