

Product datasheet for **SC335738**

GPR6 (NM_001286099) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR6 (NM_001286099) Human Untagged Clone
Tag: Tag Free
Symbol: GPR6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC335738 representing NM_001286099.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACACTCCTAGCTTGGTGCACCTCGGGGTGCAAATCCGGCCGCGATGAACGCGAGCGCCGCCTCGCTC
AACGACTCCCAGGTGGTGGTAGTGGCGGCCGAAGGAGCGCGCGCCGCGCCACAGCAGCAGGGGGGCCG
GACACGGGCGAATGGGGACCCCTGCTGCGCGGCTCTAGGAGCCGGCGCGGAGCTAATGGGTCTCTG
GAGCTGTCCTCGCAGCTGTCGGCTGGGCCACCGGACTCCTGCTGCCAGCGGTGAATCCGTGGGACGTG
CTCCTGTGCGTGTGCGGGACAGTGATCGCTGGAGAAAACGCGCTGGTGGTGGCGCTCATCGGTCCACT
CCGGCGCTGCGCACCCCATGTTCTGTGGTAGGCAGCCTGGCCACCGCTGACCTGTTGGCGGGCTGT
GGCCTCATCTTGCACTTTGTGTTCCAGTACTTGGTGCCCTCGGAGACTGTGAGTCTGCTCACGGTGGC
TTCTCGTGGCCTCCTTCGCCGCTCTGTGAGCAGCCTGCTGGCCATTACGGTGGACCGCTACCTGTCC
CTGTATAACGCGCTCACCTATTACTCGCGCCGGACCTGTTGGCGTGCACCTCCTGCTTCCCGCCACT
TGGACCGTGTCCCTAGGCCTGGGCTGCTGCCCGTGTGGGCTGGAAGTGCCTGGCAGAGCGCGCCGCC
TGCAGCGTGGTGCGCCGCTGGCGCGCAGCCACGTGGCTCTGCTCTCCGCCGCTTCTTCATGGTCTTC
GGCATCATGCTGCACCTGTACGTGCGCATCTGCCAGTGGTCTGGCGCCACGCGCACCAGATCGCGCTG
CAGCAGCACTGCCTGGCGCCACCCATCTCGCTGCCACCAGAAAGGTGTGGGTACTGCTGTGGTG
CTGGGCACCTTTCGGCGCCAGCTGGCTGCCCTTCGCCATCTATTGGTGGTGGGCAGCCATGAGGACCCG
GCGGTCTACACTTACGCCACCTGCTGCCCGCCACCTACAACCTCATGATCAATCCCATCATCTATGCC
TTCCGCAACCAGGAGATCCAGCGCGCCCTGTGGCTCCTGCTCTGTGGCTGTTCCAGTCCAAAGTGCCC
TTTCGTTCCAGGTCTCCAGCGAGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI
ACCN: NM_001286099



[View online »](#)

Insert Size:	1134 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:	NM_001286099.1
RefSeq Size:	1966 bp
RefSeq ORF:	1134 bp
Locus ID:	2830
UniProt ID:	P46095
Cytogenetics:	6q21
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	39.4 kDa
Gene Summary:	<p>Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>