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Product datasheet for SC308485

GPR 153 (GPR153) (NM_207370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR 153 (GPR153) (NM_207370) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR 153
Synonyms:	PGR1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF Sequence for NM_207370. The custom clone sequence may differ by one or more nucleotides

ATGAGTGATGAGCGGCGGCTGCCTGGCAGTGCAGTGGGCTGGCTGGTATGTGGGGGCCTC
TCCCTGCTGGCCAATGCCTGGGGCATCCTCAGCGTTGGCGCCAAGCAGAAGAAGTGGAAG
CCCTTGGAGTTCCTGCTGTGTACGCTCGCGGCCACCCACATGCTAAATGTGGCCGTGCCC
ATCGCCACCTACTCCGTGGTGCAGCTGCGGCGGCAGCGCCCCGACTTCGAGTGGAATGAG
GGTCTCTGCAAGGTCTTCGTGTCCACCTTCTACACCCTCACCCTGGCCACCTGTTTCTCT
GTCACCTCCCTCTCCTACCACCGCATGTGGATGGTCTGCTGGCCTGTCAACTACCGGCTG
AGCAATGCCAAGAAGCAGGCGGTGCACACAGTCATGGGTATCTGGATGGTGTCCTTCATC
CTGTCGGCCCTGCCTGCCGTTGGCTGGCACGACACCAGCGAGCGCTTCTACACCCATGGC
TGCCGCTTCATCGTGGCTGAGATCGGCCTGGGCTTTGGCGTCTGCTTCCTGCTGCTGGTG
GGCGGCAGCGTGGCCATGGGCGTGATCTGCACAGCCATCGCCCTCTTCCAGACGCTGGCC
GTGCAGGTGGGGCGCCAGGCCGACCACCGCGCCTTCACCGTGCCCACCATCGTGGTGGAG
GACGCGCAGGGCAAGCGGCGCTCCTCCATCGATGGCTCGGAGCCCGCCAAAACCTCTCTG
CAGACCACGGGCCTCGTGACCACCATAGTCTTCATCTACGACTGCCTCATGGGCTTCCCT
GTGCTGGTGGTGAGCTTCAGCAGCCTGCGGGCCGACGCCTCAGCGCCCTGGATGGCACTC
TGCGTGCTGTGGTGCTCCGTGGCCCAGGCCCTGCTGCTGCCTGTGTTCCTCTGGGCCTGC
GACCGCTACCGGGCTGACCTCAAAGCTGTCCGGGAGAAGTGCATGGCCCTCATGGCCAAC
GACGAGGAGTCAGACGATGAGACCAGCCTGGAAGGTGGCATCTCCCCGGACCTGGTGTTG
GAGCGCTCCCTGGACTATGGCTATGGAGGTGATTTTGTGGCCCTAGATAGGATGGCCAAG
TATGAGATCTCCGCCCTGGAGGGGGGCCTGCCCCAGCTCTACCCACTGCGGCCCTTGCAG
GAGGACAAGATGCAATACCTGCAGGTCCCGCCCACGCGGCGCTTCTCCCACGACGATGCG
GACGTGTGGGCCGCCGTCCCGCTGCCCGCCTTCCTGCCGCGCTGGGGCTCCGGCGAGGAC
CTGGCCGCCCTGGCGCACCTGGTGCTGCCTGCCGGGCCCGAGCGGCGCCGCGCCAGCCTC
CTGGCCTTCGCGGAGGACGCACCACCGTCCCGCGCGCGCCGCCGCTCGGCCGAGAGCCTG
CTGTCGCTGCGGCCCTCGGCCCTGGATAGCGGCCCGCGGGGAGCCCGCGACTCGCCCCCC
GGCAGCCCGCGCCGCCGCCCCGGGCCCGGCCCCCGCTCCGCCTCGGCCTCGCTGCTGCCC
GACGCCTTCGCCCTGACCGCCTTCGAGTGCGAGCCACAGGCCCTGCGCCGCCCGCCCGGG
CCCTTCCCCGCTGCGCCCGCCGCCCCCGACGGCGCAGATCCCGGAGAGGCCCCGACGCCC
CCAAGCAGCGCCCAGCGGAGCCCAGGGCCACGCCCCTCTGCGCACTCGCACGCCGGCTCT
CTGCGCCCCGGCCTGAGCGCGTCGTGGGGCGAGCCCGGGGGGCTGCGCGCGGCGGGCGGC
GGCGGCAGCACCAGCAGCTTCCTGAGTTCCCCCTCCGAGTCCTCGGGCTACGCCACGCTG
CACTCGGACTCGCTGGGCTCCGCGTCC

Restriction Sites: Please inquire

ACCN: NM_207370

Insert Size: 2600 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).

OTI Annotation: no

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:	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_207370.1, NP_997253.1
RefSeq Size:	2684 bp
RefSeq ORF:	1830 bp
Locus ID:	387509
UniProt ID:	Q6NV75
Cytogenetics:	1p36.31
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes an integral membrane protein that belongs to the Class A rhodopsin superfamily of G protein coupled receptors. The encoded protein is expressed primarily in the central nervous system. A knockdown of the orthologous gene in rat is associated with a significant reduction in food intake and impaired decision making ability. Mutations in this gene are associated with schizophrenia, autism, and other neuropsychiatric disorders. The expression of this gene is activated by the glioma-associated oncogene homolog 1 transcription factor which, in turn, is activated by sonic hedgehog in normal and tumorigenic cells. [provided by RefSeq, Feb 2017]