

Product datasheet for MC213076

Gpr20 (NM_173365) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr20 (NM_173365) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr20
Synonyms: A430106B11Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213076 representing NM_173365
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCTCTCGGTTGTCTATGAGGCCCTGGGATGCTGCACTCCCCAACACCACTGCAGCAGCATGGACCA
 ATGGAAGTGTGCCGAGATGCCCTGTTCCATCACTTTGCCCGGTGGATGAGGAACTGCAAGCCACCTT
 CCCAGCCTGTGGCAAGCACTAATGGTCGTGCACGGCACCATCTTCTTGCCGGGCTGGTGTCAACGGA
 CTGGCACTGTATGTCTTCTGCTGTGCGACGGGCAAGACCCCTTCAGTCACCTATACCATCAACCTGG
 TGGTACTGACCTGCTAGTGGGCTGTCCCTGCCACACGCTTTGCTGTCTTCTACGGTGCCCGAGGCTG
 TCTGCGCTGTGCCTTCCCTCATGTCTGGGCTACTTCTCAACATGCACTGTTCCATCCTTCTCACC
 TGCATCTGCGTGGACCGCTACCTGGCCATTGTGCAACCCGAGGGTCCC GCCGCTGGCGCCAGCCGGCT
 GCGCAAGGCCGTGTGCATCTTTGTGTGGCTGGCAGCAGGAGTCGTGACCCTGTCTGTGCTGGGTGAA
 GTCGGGTGGACGATCATGCTGCCGTGTCTTTGCTCTGACCGTTCTGGAGTTCCTGCTGCCTCTGTGGT
 ATCAGCGTGTTCACAGGCCGATCATGTGTGCGCTGTGAGGCCGGTCTGCTACGCCAGGGCCGTCAGC
 GGCGCGTGAGGGCCATGCAGCTGTGCTCACGGTGTGTCATCTTCTGGTCTGTTTACACCCCTTCCA
 TGCCCGCAGGTGGCTGTGGCACTGTGGCCTAACGTACCTAACGATACCGCCTTGTGGCTTACCAGTG
 GCTGTACCCCTCAGCAGCCTCAACAGCTGCATGGACCCATTGTCTACTGTTTATCACCAGTGGCTTCC
 AGGCCACTGTCCGAGGCCTTTCTACCAGCGTGGAGAAGAATTCAAGCCAGCAGTATGGATGTGGTCA
 CATGCACAAGAGCACCAAGGCCTCAGCTCCATTACATCCTCAGCATCGGTTCCACACCCCTTACCAG
 CCTTTGACCAACGGCCCTGAGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173365



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Insert Size:	1077 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_173365.2, NP_775541.1</u>
RefSeq Size:	2141 bp
RefSeq ORF:	1077 bp
Locus ID:	239530
UniProt ID:	<u>Q8BYC4</u>
Cytogenetics:	15 D3
Gene Summary:	Orphan receptor with constitutive G(i) signaling activity that activate cyclic AMP. [UniProtKB/Swiss-Prot Function]