

Product datasheet for **RN214503**

Gpr153 (NM_001034855) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr153 (NM_001034855) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr153
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214503 representing NM_001034855
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGTAGAGCGGAGGCTGCCCGCAGTGGCTAGGCTGGCTGGCATGCGGAGGCTGTGCTGCTAG
 CCAATGCCTGGGCATCCTCAGTGTGGTGCCAAGCAGAAGAAGTGAAGCCACTGGAGTCTTGCTTTG
 CACGCTGGCAGCCACCCACATGCTCAACGTGGCGGTGCCATCGCCACGTACGCAGTTGTGCAGCTGCGG
 AGGCAGCGCCCTGACTACGAGTGAACGAGGGCCTCTGTAAGGTCTTCGTGTCGACGTTCTACACCTCA
 CGCTGGCCACCTGCTTCTCCGTACCTCCATCTCCTACCACCGCATGTGGATGGTCCGGTGGCCGGTCAA
 CTACCGGTGAGCAACGCCAAGAAGCAGGCGGTGCACACAGTTATGGGCATCTGGATGGTGTCTTCATC
 CTGTGCGCCCTTCTGCCGTGGCTGGCAGACACCAGCGAGCGTTTCTACACCCACGGCTGTGCTTCA
 TCGTGGCTGAGATCGGCCTGGGCTTCGGCGTCTGTTTCTTGTGCTGGTGGGAGGCAGCGTGGCCATGGG
 CGTGGTCTGCACGCCATTGCCCTTCCAGACGCTGGCCACGCAGGTGGTGGTGTGAGCTTCAGTAGCCTCGG
 GCTGATGCCTCAGCACCTTGGATGGTGTCTGTGTCTGTGGTGTCCGTGACCCAGGCCCTGTGCTGC
 CTCTGTTCTGTGGACTTGTGATCGCTACCGGGCAGACCTCAAGGCAGTCTGGGAGAAGTGTGTGGCCCT
 GATGGCCAATGATGAGGACTCAGACAACGAGACCAGTCTAGAGGGTAGCATCTCCCCGACCTGGTATTG
 GAGCGCTCCCTTGACTATGGAGGTGACTTCGTGGCTCTGGACAGGATGGCCAAGTATGAACCTCTGCCC
 TGGAGGGAGGCTTACCCAGCTTACCCTCTGCGGCCACTGCAGGAGGATCGGATGCAGTATCTGCAGGG
 CGCGGGGAGGCATCGGTGCGGGTTCCAGGAGGGCAGCCCTGTTTCAGCCCGGCCGGTGTGTCAGGTC
 CCGCCACCCGGCGGTTCTCCACGATGATGCCGACGTGTGGCGGCCATCCCGCTGCCACCTTCTGTC
 CACGCTGGAGCTCGGGCAGGACTTGGCAGCCCTGGCACACTTAATGCTGCCTGCGGGCTCCGACCGGG
 GCGCGGGAGCCTGCTGGCCTTACCGAAGATGCGCCCGGTTCCGCCCGGCCGTGTTCTGCGGAGAGC
 CTGTTGTCCCTGCAGCCCTCGTCCCTAGATGGTGGCCCGCTCGCGCCAGGACTCGCCTCCGGGACGCC
 CGTGTGCGCGCCCGGGCCTGGCGCTCGCTCTGCCTCGGTCTCGTGTGCTGCCTGACGCCTTCCGCGTGC
 CGCCTTCGACCGGAGCCGACGCTCTGCGTCCGCTGCCCGCTCCGGCGCGGCCGTTCCCGCTGCCCG
 GACGGCACGGAGACTGCTGAGATCCCGACGCCCTGGTGGCCGTGCGCAGCGCAGCCAGGGACGCCGGG
 CGGCGCGCGCGCACGCGGGGCCCTGCAGAGCAGCCTGAGCGCTCTGGGGCAGCCCGCGGCTTGTCT
 CGCGCGGGCTGCGGCAGCACTAGCAGCTTCTGAGCTCGCCCTCCGAGTCTCGGGCTATGTCACGCTG
 CACTCGGATTCGCTGGGCTCTGCGCTC**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034855

Insert Size: 1710 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:

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_001034855.1](#), [NP_001030027.1](#)

RefSeq Size: 2675 bp

RefSeq ORF: 1710 bp

Locus ID: 619550

Cytogenetics: 5q36