

## Product datasheet for RN200777

### Gpr135 (NM\_181771) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gpr135 (NM\_181771) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Gpr135  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN200777 representing NM\_181771  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGGAGCAGGCGCGGCCGCGAGCCGCCGGCTGCGAGTGCAACCTTGCCGGGTAGCGCACATCCCG  
 GAGGGCGGGTCCACCGCCACCGCGCCGCGCTGTCGTTACAGTCCGTAGCCACCGTAACGCTGGGAAA  
 CCAGAGCGATGCGGGCAGGCCGAGCGGGCTGGGTCGCGGGACCGCACCGCTTTGGCAGCGGGCA  
 GCAGTGGCCGCCAGGCGCTCGTCTCCTGCTCATCTTCTACTGTCTAGCCTGGGAAACTGCGCGGTGA  
 TGGGGGTGATCGTGAAGCACCGGACGCTGCGCACGGTACCAACGCCCTCATCCTATCGCTGTCCCTGTC  
 GGACCTGCTCACTGCGCTGCTCTGCTTACCCGCCGCTTCTCGACCTGTTTGCGCCCGGGGAGACTCG  
 GGGCCCTGGCGCAGCTTCTGCGCCGCCAGCCGCTTCTTCAAGTTCGTGTTTCGGCATCGTCTCCACGTTCA  
 GCGTGGCGCTCATCTCGCTGGACCGCTACTGCGCCATCGTGGCCGCCCGCGGGACAAGCTAGGCCGGCG  
 GCGCGCGTGCAGCTGCTGGCCGAGCGTGGCTGGCTGCGCTCGGCTTCTCCCTGCCCTGGGAGCTGCTC  
 CGGGCACCCCGGAGCCCCGACTCCGAGAGCTTCCACCGCTGCCTTACAGAACCTCCCAGACCCTG  
 CGCAGCTGGGCGCCGCTTACAGCGTGGGGCTGGTGGTGGCTTGTACCTGCTGCCCTTCTGCTGATGTG  
 TTTCTGCCGCTACCACATCTGCAAGACTGTGCGCCTGTGCGACGTGCGTGTGCGGCCGATGACCACCTAT  
 GCGCGCGTGTGCGCTTTTTAGCGAGGTGCGCACGGCCACCACCGTGTGCATCATGATTGTCTTTGTCA  
 TCTGCTGTGGGGCCCTACTGCTTCTGGTGTGTTGGCTGCTACCCGGCAGGGTACAGCCACACAGGC  
 TCCCTCGCTGCTCAATGTGGCAGCTGTTGGTGACCTGGGCAATGGAGCTATCAACCCGGTCATATAT  
 GCCATCCGCAACCCTAACATTTCTATGTTCTAGTTCGCAACCGCAAGAGGGATATAGGACTAGAAACA  
 TGGATGTTTTTTGCCTAGCCAAGGCCAGGTTTTTCAGGCCAGAAGTTCGCAATCGCCTTCGAAATGGCTG  
 TGCCAACAGGCTTGGGGCTTGCAGCAGGATGCCTTCTTCAACCCCGCTAGTGGGTGAGGAGGGAAGTG  
 GTCATGTGGCTCGAAAAAACCAGTTGTGCTTCTTCCGAGAGGATCCACCAGACCAGTTATGGCAG  
 TCTACAAACAGCATAAATCTGAAACCAGGGACAGTAGCATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_181771
<b>Insert Size:</b>	1374 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_181771.1</a> , <a href="#">NP_861436.1</a>
<b>RefSeq Size:</b>	1374 bp
<b>RefSeq ORF:</b>	1374 bp
<b>Locus ID:</b>	314213
<b>UniProt ID:</b>	<a href="#">Q7TQN7</a>
<b>Cytogenetics:</b>	6q24
<b>Gene Summary:</b>	G protein-coupled receptor of the family of rhodopsin-type GPCRs [RGD, Feb 2006]