

## Product datasheet for RN202830

### Gpr173 (NM\_022255) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpr173 (NM\_022255) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gpr173  
**Synonyms:** Sreb3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN202830 representing NM\_022255  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCAACACCACGGAGACCCGAAGAGGTGAGCGGCGCACTGTCCCTGCCATCAGCATCGGCTTATG  
 TGAAGCTGGTGTGCTGGGACTGATCATGTGTGAAGCCTGGCAGGCAATGCCATCTTGTCCCTGCTGGT  
 GCTCAAGGAGCGTGCCCTGCACAAGGCTCCTTACTACTTTCTGCTGGACCTGTGCCTAGCCGATGGCATA  
 CGCTCTGCCATCTGCTTCCCCTTGTACTGGCTTCTGTGCGCCATGGCTCCTCGTGGACCTTCAGTGCAC  
 TCAGCTGTAAGATTGTGGCCTTTATGGCTGTGCTCTTTTGCTTCCATGCGGCCTTCATGCTGTTCTGCAT  
 CAGCGTACCCCGCTACATGGCCATCGCCACCACCGCTTCTATGCCAAGCGCATGACACTCTGGACATGC  
 GCAGCTGTCTATGCTGGCCTGGACCTTGTCTGTGGCCATGGCTTTCCACCTGTCTTTGATGTGGGCA  
 CCTACAAGTTTATCCGAGAGGAGGACAGTGCATCTTTGAGCATCGCTACTTCAAAGCAAATGACACTCT  
 GGGCTTTATGCTTATGTTGGCTGTGCTCATGGCAGCCACACATGCTGTCTATGGCAAGCTGCTACTCTTC  
 GAGTATCGTCACCGCAAGATGAAGCCAGTGCAGATGGTGGCCGCCATCAGCCAAAAGTGGACATTCCATG  
 GCCCTGGGGTACCGGCCAGGCTGCTGCCAACTGGATCGCTGGCTTTGGCCGTGGGCCATGCCACCAAC  
 TCTGCTGGGTATCCGGCAGAATGGGCATGCAGCTAGCCGGCGGCTACTGGCATGGACGAGGTCAAGGGT  
 GAAAAGCAGCTGGGCCGAATGTTCTACGGGATTACTGCTCTTCTGCTCCTCTGGTCAACATACATTG  
 TGGCCTGCTACTGGCGAGTGTTTGTGAAAGCCTGCGCTGTGCCCCACCGCTACCTGGCCACTGCTGTTG  
 GATGAGCTTCGCCAGGCTGCTGTCAACCAATCGTCTGCTTCCCTGCTTAAACAAGGACCTCAAGAAGTGC  
 CTGAGGACTCATGCCCTTGTGGGACAGGAGGTGCCCGAGCTCCAGAGAACCCTACTGTGTCTATGT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_022255
<b>Insert Size:</b>	1122 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_022255.1</a> , <a href="#">NP_071591.1</a>
<b>RefSeq Size:</b>	1122 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	64021
<b>UniProt ID:</b>	<a href="#">Q9JH2</a>
<b>Cytogenetics:</b>	Xq13
<b>Gene Summary:</b>	member of the super conserved receptor expressed in brain (SREB) family of G-protein coupled receptors; has high level of conservation among vertebrates [RGD, Feb 2006]