

## Product datasheet for **RN204557**

### **Gpr123 (NM\_001107559) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr123 (NM_001107559) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr123
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204557 representing NM\_001107559  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTCAGTGGGATTTGAAGACTGTCCTCTCCCTGCCCCAGTACCCAGGGGAGTTCCTGCATCCCGTGG  
 TGTATGCCTGCACTGCGGTCATGCTCCTATGTCTCCTTGCTCTGTGCATCACCTACATCCTGCATCAGAG  
 TGCCATCCGGATAAGCCGAAAGGCCGGCATGCACTCCTCAACTTCTGCTTCCACGCAGCTCTGACCTTC  
 ACCGTGTTTGCTGGTGGCATCAACCGCACAAACACCCTATCTTGTGCCAAGCGGTGGGCATTGCACTGC  
 ACTATTCCACGCTTTCTACCATGCTGTGGATCGGAGTGACTGCCAGGAACATCTACAAACAGGTGACCAA  
 GAAGGCCCTGCCGTGCCAGGTGCAGACCAGCCGCGTACCCCAAGCAGCCCTTGCTCAGGTTCTACCTC  
 ATCAGCGGAGGGTCCCTTTCATCATCTGTGGGTGCAGCTGCCACAAACATCAGAAATATGGGACAG  
 AGGATGAGGACGTGGCATACTGCTGGATGGCTGGGAACCCAGCCTGGGTGCATTCTATGGCCCGGCTGC  
 CTTCACTACTCTGGTCACTTGTGTGTACTTCTCTGCACCTACGTGCAGCTGCGGCGTCACCAGAGCGC  
 AGGTACGAGCTCAGAGAGCGCACGGAGGAGCAGCAGCGGCTGGCAGTGCCAGAGACTGGCCATCGCCATG  
 GAATGCGTCTGGCACACCACCCACCTGTGATGCCCTGGCTGCCTCGCAGCTGCAGAATGAGCATTCCCT  
 CAAGGCCAGCTCCGTGCCGCTGCCCTCACGCTGTTCTGTTACAGCCACGTGGACCTTTGGAGCTCTG  
 GCCGTGTCTCAGGGCGACTTTCTGGACATGATCTTCAGCTGTCTGTATGGCGCCTTCTGCGTGACACTGG  
 GACTCTTTGTGCTTATCCACCACTGCGCTAAGCGAGAGGATGTGTGGCAGTGTGGTGGTGCATGTTGCC  
 TTCTCGGGGAGATACCTCCGCCACCAAGCCAGTGCCACCCCACTTGATGCCAACGGGGATGCGCTG  
 GGGCATAACAGCTGCTTGCAGGACTCACCATGCCCTGGAAAACAGAGGTTTTGGCCATCCACCAGCCA  
 GCCACTGCAAGATGACCAACCTGCATGCTGCCAAGCCATGTGAGTGTCTGCTCCCTGCCACCCCTG  
 TTGCGCCAAGATGCACTGTGAGCAGTAAATGGAGGAGGAGGCCCATGTACACATGGNNNNNNNNNNNNNN  
 NNN  
 NNN  
 CCCCACAGTT  
 CACGTACAGAGAGCCCCACAGCTCTTTGAGGGCCCGATGGGGTGCACACATTGGCCTGCTGTGCCCA  
 GGCTGACCCCTTTCCCATGGTACGCCAGCCTGAGGGTGGAGACACAAGCCCTGGGCTCTATGGTGTCCC  
 CCACGCTGTCCCAGGCCCTGCCACTTGAAATGCTACGAAGGACACAATCCCTACCTTTTGGGAGCC  
 CAAGCCAGAATGGGCTACTCCAGGGTGTGTTGAGAAGGCTGCCATTTGGCACTGATGGGACAGGGAA  
 TATCCGAACAGGACCCTGAAAAATGAACTACAGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107559
- Insert Size:** 1650 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\\_001107559.1](#), [NP\\_001101029.1](#)

**RefSeq Size:** 4493 bp

**RefSeq ORF:** 1650 bp

**Locus ID:** 309097

**Cytogenetics:** 1q41