

## Product datasheet for **RN204123**

### Git1 (NM\_031814) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Git1 (NM_031814) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Git1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204123 representing NM\_031814  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCCGAAGGGCCGCGAGCGGAGGTGTGTGCGGACTGCAGCGCCCCTGACCCTGGCTGGGCATCTA  
 TCAGCAGAGGTGTGCTGGTTTGTGACGAGTGTGCAAGTGTGACCGGAGCCTGGGACGACACATCTCCAT  
 TGTCAAACACCTTCGCCACAGCGCTGGCCTCCTACGCTGCTACAGATGGTGCACACGCTTGCCAGCAAC  
 GGGGCCAACTCTATCTGGGAGCATTCCCTGCTGGACCCTGCACAAGTCAAAGTGGCCGGCGCAAAGCCA  
 ACCCCCAAGACAAAGTCCACCCCATCAAGTCAGAGTTCATCAGGGCAAAGTACCAGATGCTGGCCTTTGT  
 GCACAAGCTTCCCTGCCGTGATGATGATGGGGTCAACGCAAGACCTCAGCAAGCAACTGCACTCGAGT  
 GTGCGAACAGGCAACCTGGAGACCTGTCTGCGCTGCTTCCCTGGTGCCAGGCAACTTCTCCACC  
 CAGAAAAGGGCACTACACCTCTACACGTGGCTGCCAAGGCAGGGCAGACACTGCAGGCTGAGCTGCTAGT  
 AGTGTATGGGGTGCACCGAGCTCCCTGATGTCAATGGCCGCACACCCATTGACTATGCCAGGCAGGCG  
 GGGCACCATGAACTGGCAGAAAGCTAGTTGAGTGCCAGTATGAGCTCACTGACCGGTTGGCCTTCTACC  
 TCTGTGGACGGAAGCCTGATCACAGAATGGGCATTACATCATACCACAGATGGCTGACAGATCTCGGCA  
 AAAGTGCATGTCTCAGAGTTGGATCTGTCTGAATTGGCCAAAGCTGCCAAGAAGAAGCTACAAGCACTC  
 AGCAACCGGCTCTTTGAGGAGCTCGCCATGGATGTGTATGACGAAGTGGACCGGAGAGAAAATGATGCAG  
 TGTGGCTAGCTACCCAGAATCATAGCACCTGGTACAGAACGCAGTGTGTGCCCTTCTGCCAGTCAA  
 CCCTGAATACTCAGCCACTCGGAATCAGGGACGACAGAAATTGGCTCGTTTTAATGCCGAGAGTTTGC  
 ACCTTGATCATCGACATCCTCAGTGAGGCCAAACGGAGGCAGGCAAGAGTCTGAGCAGCCCCACAG  
 ACAACCTCGAGCTGTCTGCACGGAACAAAGTGCCTGGACGACCAGCAGACTACGATAGTGTGGCTTC  
 TGACGAAGACACAGACCAGGAGCCCTTGCCAGTGTGGCGCCACGCGGAACAATCGTGCCAGGAGCATG  
 GACTCCTCAGATCTGTCCGATGGGGCTGTGACGCTGCAGGAGTACCTGGAGCTGAAGAAGCTCTGGCTA  
 CCTCCGAGGCCAAAGTGCAGCAGCTCATGAAAGTCAACAGCAGTCTGAGTGCAGCTTCGGAAGCTGCA  
 GAGGGAGATCCACAACTGCAGGCAGAGAACCTGCAGCTCCGGCAGCCACCAGGACCAGTGCCTGTACCC  
 TCACCTCCAGTGAACGGGCAGAACACACTCATGGCCCTGGTGAAGTACCCATCGCAGGGACCGCC  
 AGGCCTTCTCATGTATGAGCCAGGCTCCGCCCTGAAGCCCTTTGGAGGTGCACCTGGGGATGAGCTCGC  
 CACACGGCTCCAGCCTTCCACAGCACAGAGCTGGAAGATGATGCCATCTATTAGTACATGTCCCTGCT  
 GGCCTTACCAGGATCCGGAAGGGGGTGTCTGCCTTCTGTGACCTTCACTCCCTCCTCCCACTGCTGT  
 CAAGCTCCAAGAAGGAAGTCCGCATGCGAGCAAGCTTTCACGCCACGGCAGTGGCGCAGAGAGTACTA  
 TGAGAACACACAGAGTGGAGAGCCTCTGCTGGGACTTGAAGGGAAGCGATTCTAGAGCTGAGCAAGGAG  
 GATGAGCTGCACGCTGAGCTGGAGAGCTTAGATGGAGACCAGACCCCGGGCTCCCAGCACAGAAGATG  
 TCATCCTAAAGACAGAGCAGGTCACCAAGAACATTGAGGAGTATTGCGGGCAGCCAGGAGTTCAAACA  
 TGACAGCTTTGTGCCCTGTTCCAGAAAAGATCCATTTGGCTGTGACTGAGATGGCTCTCTCTTCCCAAAG  
 AGGCCAGCCCTGGAGCCTGTGCGCAGTTCACTGCGGCTGCTCAACGCCAGCGCCTACCGGCTGCAGAGTG  
 AATGCCGGAAGACAGTGCCTCCAGAACCTGGCGCCCTGTGGACTTCCAGCTACTGACTCAGCAGGTGAT  
 CCAGTGGCCTATGACATCGCCAAGGCTGCCAAGCAGCTGGTACCATCACCACCGAGAGAAGAAACAG  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_031814  
**Insert Size:** 2313 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_031814.1</a> , <a href="#">NP_114002.1</a>
<b>RefSeq Size:</b>	3236 bp
<b>RefSeq ORF:</b>	2313 bp
<b>Locus ID:</b>	83709
<b>UniProt ID:</b>	<a href="#">Q9Z272</a>
<b>Cytogenetics:</b>	10q24
<b>Gene Summary:</b>	mediates beta2-adrenergic receptor endocytosis [RGD, Feb 2006]