

## Product datasheet for **RN211288**

### **Git2 (NM\_001005553) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Git2 (NM_001005553) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Git2
Synonyms:	MGC94099
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211288 representing NM\_001005553  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGAAGCGTCTCCGGAGCAACGACGTGTGCGCCGACTGCAGCGGGCCTGATCCTTCCTGGGCATCAG  
 TGAACAGGGGACTCTCATATGTGATGAGTGTGACAGTGTTCATCGGAGCCTAGGGCGCCACATCTCCCA  
 AGTCAGGCATCTTAAACACACACCATGGCCTCCAACCCTGCTTCAGATGGTTGAGACCTGTATAGCAAT  
 GGTGCTAATTCTATCTGGGAGCATTCTTTGCTGGACCCTGCTTCTGTTATGAGTGGGAGACGAAAGCCA  
 ATCCACAGGATAAAGTCCACCCCAATAAAGCAGAATTCATCAGAGCCAAGTATCAGATGTTAGCATTGT  
 ACACAGATTGCCCTGCCGTGACGACGACAGTGTGACTGCCAAAGATCTTAGTAAGCAACTCCATTCAAGT  
 GTGAGAACAGGGAATCTGAGACCTGTCTGAGACTGTTGCGTTAGGAGCCCAAGCCAATCTTCCATC  
 CTGAAAAAGGAAGCACTCCACTCCAGTCGCCTCAAAGCAGGACAGATCCTACAGGCTGAATTGCTGGC  
 AGTGTACGGAGCTGACCCAGGCACACAGATTCTAGTGGGAAGACTCCTGTTGACTATGCAAGGCAAGGA  
 GGACACCGTGAGCTGGCCGAACGCCTCGTAGAAAATACAGTACGAGCTGACGGACAGGCTGGCCTTCTACC  
 TCTGCGGCCGGAACAGATCATAAAAAACGGACAGCACTTTATAATCCCTCAGATGGCAGACAGCAGCCT  
 GGATTTGTCTGAGTTGGCAAAAGCTGCCAAGAAGAACTTCAGTCTTAAGTAATCATTTGTTTGAAGAA  
 CTTGCCATGGATGTGTACGATGAAGTTGACAGACGAGAGACTGATGCAGTCTGGCTTGCCACGCAAAACC  
 ACAGCACCTTGGTAACTGAGACAACCGTCGTTCCCTTTCTCCGGTCAACCCTGAGTACTCCTCGACACG  
 AAACCAGGGCAGACAGAAATTAGCTCGGTTTAAATGCCCATGAATTTGCTACACTGGTCATCGACATCCTC  
 AGTGACGCCAAGAGGAGACAGCAAGGCAGTCTCTCAGGTCAAAGACAATGTGAACTCATATTGA  
 GAACAGTCAGTAACCAGCACAGCACTGAGAGCCAGGACAATGACCAGCCAGACTATGACAGCGTGGCCTC  
 AGATGAAGACACAGACGTGGAGACCAGAGCAAGCAGGACAAACCGGCAGAAAGCCCTAGATTCAGATTTG  
 TCAGATGGACCAGTCACTGTGCAGGAGTTTATGGAGGTCAAACACGCCTAGTGGCTTCTGAGGCCAAGA  
 GACAGCAGCTAATGAAGGTGAATAACAACCTGAGTGGCGAGCTGAGAATTATGCAGAAAAAGCTTCAAAC  
 TCTACAGAGTGAGAACTCAAGCCTCAGGAGACAGGCCACAGCCAGTGCCTGTCAGGTCCAGACTGCCTCT  
 GACCACAAAGACTGTGAGCCACTCCTCCCTGAAGCGCCGCCATCAGCCCGGGCAGTAGACCCATGT  
 CCATGTATGAGACTGGATCAGGCCAGAAACCATACCTCCCAATGGGAGAAGCCAACCACCCTGAAGAAAG  
 CCGGACAAGACTTCAGCCCTTCCCCTCATATTGGGAGGAGTCACTTGTGACCTCCTCTCGTCTCTG  
 CCTTCTTCCCCTCCACACTTCTGCTCCAGGACGAAAGCACCAGGAGGCTCCAGGTTGGAGAAGC  
 AGAACAGCACCCAGAGAGCGATTATGACAACACTGCCTATGACCCTGAACCAGATGACACGGTGTGAGG  
 CCGGAAGGGGCGGAGCGGAGTATGCTCTGGCAAGGTGATGGCCACTGCCAGACACAGCAGAGCCCCAC  
 GCGGTCCCAGCCCCGCCTCCCAGCAGAGAAGATGTCATCCGCAAGACTGAACAGATCACAAAAACA  
 TCCAGGAGCTCCTCAGAGCAGCCAGGAGAAACAAGCATGACAGCTACATTCCTGCTCAGAGAGGATACA  
 CGCCGCTGTGACCGAGATGGCAGCCCTGTTCCCAAAAAACCTAAGTCTGACACGGTGGAGACTTCCCTC  
 CGCCTACTAACGGCCAGTGCCTACCGGCTCCAGTCAAGTGCAGAAAGGCTCTCCAGGAGACTCGAGCT  
 TGCCCACGGATGTGCAGCTGGTCACACAGCAGGTATCCAGTGTGCTATGACATTGCCAAGGCCGCCAA  
 ACAGCTGGTCACAATCACCACCAAGAGAACAGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001005553  
**Insert Size:** 2280 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_001005553.1</a> , <a href="#">NP_001005553.1</a>
<b>RefSeq Size:</b>	3012 bp
<b>RefSeq ORF:</b>	2280 bp
<b>Locus ID:</b>	304546
<b>UniProt ID:</b>	<a href="#">Q66H91</a>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	GTPase-activating protein for ADP ribosylation factor family members, including ARF1. [UniProtKB/Swiss-Prot Function]