

## Product datasheet for **MC220773**

### **Git2 (NM\_019834) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Git2 (NM_019834) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Git2
Synonyms:	1500036H07Rik; 5830420E16Rik; 6430510B20Rik; 9630056M03Rik; B230104M05Rik; CAT2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220773 representing NM\_019834  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGAAGCGGCTCCGGAGCAGCGACGTGTGCGCCGACTGCAACGGGCCTGATCCTTCCTGGGCGTCAG  
 TAAATAGGGGAACTTTCATATGTGACGAATGTTGCAGTGTCCATCGGAGCCTGGGGCGCCATATCTCCCA  
 AGTGAGGCATCTTAAACACACAGCATGGCCTCCAACCCTGCTCCAGATGGTTGAGACCTTGACAACAAT  
 GGTGCTAACTCTATATGGGAACACTCTCTGCTGGACCCTGCCTCTATCATGAGTGGGAGGCGAAAGCTA  
 ACCCACAGGACAAAGTTCACCCCAATAAAGCAGAATTCATCAGAGCCAAGTATCAGATGTTAGCGTTCGT  
 CCACCGATTGCCCTGCCGCGAGGACGACAGCGTGACGGCCAAAGATCTCAGTAAGCAACTCCATTCAAGT  
 GTGAGAACAGGGAATCTTGAGACCTGTCTGAGACTGTTGTCTTTAGGAGCCCAAGCCAATCTTTTCATC  
 CTGAAAAAGGAAGCACTCCACTCCACGTCGCCTCAAAGCAGGACAGATCTTACAGGCTGAATTGCTGGC  
 CGTGTATGGAGCTGACCCAGGCACACAAGATTCTAGTGGGAAGACTCCTGTTGACTATGCAAGGCAAGGA  
 GGGCACCATGAGTTGGCAGAACGCCTCATAGAAATACAGTACGAGCTGACGGATAGACTGGCCTTCTACC  
 TCTGCGGCCGGAACCAGATCATAAAAGCGGACAGCACTTTCTAATTCCTCAGAGGGCAGACAGCCTGGA  
 TTTGTCTGAGTTGGCAAAAGCTGCGAAGAAGAACTTCAATCTCTGAGTAATCATTTGTTTGAAGAACTT  
 GCCATGGATGTGTACGACGAAGTTGACAGGCGAGAGACTGACGCAGTCTGGCTTGCCACGCGAGAACCACA  
 GTACCTTGGTAACCGAGACGACCGTCGTCCCTTTCCTTCCGGTCAACCCTGAGTACTCCTCCACACGAAA  
 CCAGGGCAGACAGAAATTAGCTCGGTTTAAAGCCACGAGTTTGCTACGCTGGTTCATCGACATCCTCAGT  
 GATGCCAAGAGGAGACAACAGGGCAGTCTCTGTCCAGGTCAAAGACAATGTGGAGCTCATATTGAGAA  
 CAGTCAGTACCCAGCACAGCACTGAGAGCCAAGACAACGACAGCCAGACTATGACAGTGTGGCCTCCGA  
 TGAAGACACAGACGTGGAGACGAGGGCAAGCAAGGCAAACCGGCAGAAAGCTTCAAACCTCCAGAGTGAG  
 AACTCAAGCCTCAGGAGACAGGCCACAGCCAGTGCCTGTGAGGTGACAGCTGGCTCTGACCAACAAGGACA  
 CTGCAAGCCACTCGTCCCTAAAGCGACGGCCATCTGCCGGGGCAGTAGACCCATGTCCATGTACGAGAC  
 TGGATCAGGCCAGAAGCCATACCTCCCAATGGGAGAAGCCAGCCACCCTGAGGAGAGCCGGACGAGACTT  
 CAACCCTTCCCCACGCATATTGGGAGGAGTGCCTTGTGACCTCCTTTCGTCTCTGCCCTCCTTCCCT  
 CCACACTTTCCTGGTCCAGGGACGAAAGCGCCGAAGGGCCTCCAGACTGGAGAAGCAGAACAGCACCC  
 GGAGAGTGATTATGACAACACTGCCTGTGACCCTGAGCCAGACGACCGGGTCAACCCGGAAGGGACGG  
 CAGCGGAGCATGCTCTGGCAAGGTGATGGCTTATTGCCAGATACAGCAGAACCCACTCGGTCCCCAGCC  
 CCACCCTCCCCAGCACAGAAGACGTATCCGGAAGACCGAGCAGATCACCAAAAACATCCAGGAGCTCCT  
 GCGAGCAGCCCAGGAGACAAGCATGACAGCTATATCCCTGCTCAGAGAGGATACACGTTGCTGTAAAC  
 GAGATGGCAGCCCTGTTCCCCAAAAACCAAGTCTGACACGGTGAGGACTTCCCTCCGCTACTCACGT  
 CCAGTGCCTACCGGCTCCAGTCCGAGTGCAAGAAAGGCTCTCCAGGAGACTCCAGCTTACCACAGATGT  
 GCAGCTGGTCACACAGCAGGTATCCAGTGTGCCTATGACATCGCCAAGGCCGCCAAACAGCTGGTCACA  
 ATCACCACCAAAGAGAACAGCAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_019834

**Insert Size:** 2127 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).

<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>	<u><a href="#">NM_019834.3</a></u> , <u><a href="#">NP_062808.3</a></u>
<b>RefSeq Size:</b>	5027 bp
<b>RefSeq ORF:</b>	2127 bp
<b>Locus ID:</b>	26431
<b>UniProt ID:</b>	<u><a href="#">Q9JLQ2</a></u>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	<p>GTPase-activating protein for the ADP ribosylation factor family.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>