

## Product datasheet for **MC220430**

### Git2 (NM\_001077359) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Git2 (NM_001077359) 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)



[View online »](#)

**Fully Sequenced ORF:** >MC220430 representing NM\_001077359  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGAAGCGGCTCCGGAGCAGCGACGTGTGCGCCGACTGCAACGGGCCTGATCCTTCCTGGGCGTCAG  
 TAAATAGGGGAACTTTCATATGTGACGAATGTTGCAGTGTCCATCGGAGCCTGGGGCGCCATATCTCCCA  
 AGTGAGGCATCTTAAACACACAGCATGGCCTCCAACCCTGCTCCAGATGGTTGAGACCTGTACAACAAT  
 GGTGCTAACTCTATATGGGAACACTCTCTGCTGGACCCTGCCTCTATCATGAGTGGGAGGCGGAAAGCTA  
 ACCCACAGGACAAAGTTCACCCCAATAAAGCAGAATTCATCAGAGCCAAGTATCAGATGTTAGCGTTCGT  
 CCACCGATTGCCCTGCCGCGAGGACGACAGCGTGACGGCCAAAGATCTCAGTAAGCAACTCCATTCAAGT  
 GTGAGAACAGGGAATCTTGAGACCTGTCTGAGACTGTTGTCTTTAGGAGCCCAAGCCAATCTTTTCATC  
 CTGAAAAAGGAAGCACTCCACTCCAGTCGCCTCAAAGCAGGACAGATCTTACAGGCTGAATTGCTGGC  
 CGTGTATGGAGCTGACCCAGGCACACAAGATTCTAGTGGGAAGACTCCTGTTGACTATGCAAGGCAAGGA  
 GGGCACCATGAGTTGGCAGAACGCCTCATAGAAATACAGTACGAGCTGACGGATAGACTGGCCTTCTACC  
 TCTGCGGCCGGAACCAGATCATAAAAGCGGACAGCACTTTCTAATTCCTCAGAGGGCAGACAGACGGCT  
 CCTGGATTTGTCTGAGTTGGCAAAGCTGCGAAGAAGAACTTCAATCTCTGAGTAATCATTTGTTTGAA  
 GAACCTGGCATGGATGTGTACGACGAAGTTGACAGGCGAGAGACTGACGCAGTCTGGCTTGCCACGAGA  
 ACCACAGTACCTTGTTAACCGAGACGACCGTCTGCCCTTCCCTCCGGTCAACCTGAGTACTCTCCAC  
 ACGAAACCAGGGCAGACAGAAATTAGCTCGGTTTAAACCCACGAGTTTGCTACGCTGGTCATCGACATC  
 CTCAGTGATGCCAAGAGGAGACAACAGGGCAGTCTCTGTCCAGTCAAAGACAATGTGGAGCTCATAT  
 TGAGAACAGTCAGTACCCAGCACAGCACTGAGAGCCAAGACAACGACCAGCCAGACTATGACAGTGTGGC  
 CTCGATGAAGACACAGACGTGGAGACGAGGGCAAGCAAGGCAAACCGGCAGAAGCTTCAAACCTCTCCAG  
 AGTGAGAACTCAAGCCTCAGGAGACAGGCCACAGCCAGTGCCTGTGAGTGCAGACTGGCTCTGACCACA  
 AGGACTGCAAGCCACTCGTCCCTAAAGCGACGGCCATCTGCCCGGGCAGTAGACCCATGTCCATGTA  
 CGAGACTGGATCAGGCCAGAAGCCATACCTCCCAATGGGAGAAGCCAGCCACCCTGAGGAGAGCCGGACG  
 AGACTTCAACCTTCCCCACGCATGCCTCCAGACTGGAGAAGCAGAACAGCACCCCGGAGAGTGATTATG  
 ACAACTGCCTGTGACCCTGAGCCAGACGACCGGGTCAACCCGGAAGGGACGGCAGCGGAGCATGCT  
 CTGGCAAGGTGATGGCTTATTGCCAGATACAGCAGAACCCCACTCGTCCCCAGCCCCACCCTCCCCAGC  
 ACAGAAGCGTCAATCCGGAAGACCGAGCAGATCACAAAAACATCCAGGAGCTCTGCGAGCAGCCAGG  
 AGAACAAGCATGACAGCTATATCCCTGCTCAGAGAGGATACACGTTGCTGTAACCGAGATGGCAGCCCT  
 GTTCCCCAAAAACCAAGTCTGACACGGTGAGGACTTCCCTCCGCTACTCACGTCCAGTGCCTACCGG  
 CTCCAGTCGGAGTGACAGAAAGGCTCTCCAGGAGACTCCAGCTTACCCACAGATGTGAGCTGGTCACAC  
 AGCAGGTCAATCCAGTGTGCCTATGACATCGCCAAGGCCGCAACAGCTGGTCACAATCACCACCAAGA  
 GAACAGCAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001077359
- Insert Size:** 2043 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\\_001077359.1](#), [NP\\_001070827.1](#)

**RefSeq Size:** 4944 bp

**RefSeq ORF:** 2043 bp

**Locus ID:** 26431

**Cytogenetics:** 5 F

**Gene Summary:** GTPase-activating protein for the ADP ribosylation factor family.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) contains an alternate in-frame exon and lacks an in-frame exon compared to variant 1. The encoded isoform (2) is shorter than 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.