

## Product datasheet for **MC221471**

### **Gcfc2 (NM\_177884) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gcfc2 (NM_177884) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gcfc2
Synonyms:	A130099G21; AW146020; GCF2; Tcf9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221471 representing NM\_177884  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTCTCAGGCCCCAGAGGACTTTCAGGCGGCCAGGTTCGAGTCCAGCGATAGCGATAGCGATAGCG  
 ACGGCGCGAAGGAGCAGAGTGCAGGAGGAGCCGGGTCTGCCGGCGCCGAACAGAGGGAGCGGAGCGGCC  
 GCGCGGGGCCCGCAGCGCCCGGGCCGAGGTCCGGTCTGGGCGAGTTCGCCCGCAGCCCGGAGCTGCT  
 CCCCAGGGGACGGCGGAGCAGAATGCAGAACAGCTGAGCTCTCAACGGATGAAGAGGAAGGAACACATA  
 CCTTGACAGGAAGTAAGGGTGCAGGAGTCCGCTCTGATAGCTCTTGCTCTCTGGAAGAAAGAGACGT  
 TTCACCCATAGTTGAGATCCCCGATGCAGCTTTTATTTCAGGCAGCCCGCAGAAAACGGGAGTTGGCCAGG  
 ACCCCAGGGGACTACATTTTCATTGGATGTAACCCTCTGCTCCACTTCTGACTGTAAGAGAAGCAATG  
 AAGAGGACCCAGAGAGCGATCCTGATGACCACGAAAAGAGAATACTGTTTACCCCAAAGCCTCAAACCT  
 CCGGCAAAGAATGGCTGAAGAAACGTCAATCAGGAGTGAAGAAATCAAGTGAAGAGAGTCAAGAAAGTAA  
 AACCAAGACATCTGGGAGCAGCAGAGATGAGGAAAGCAGTCAAGATCCCGGCGGGACAAAATACAGACC  
 TTTCCACAGCAGTAAGTCTCAAACCTGAAGAAGTTTGATACTTCCATTTTCATTTCCACCGGTAATTT  
 GGAAATTAAGAAACAGTTAAATAATAGATTAACATTAACAGGAGTCTCATCGCTCACACCAGAGA  
 GAATATGAAAAATATGAACAAGACATCAAGAGTTCAAAGACGGCTATCCAGAATCTTGAGAGTGCATCAG  
 ACCATGCTCAAACTACAGATTTACAGGGGATGAAAAGTTATGTGGAAAAATAAATTGATTGTCTAAA  
 TGAAAAGATTGTCAGCATTGTGGAAGTGAATCATCCATGTACACGTTGCTTTTAAAACGGTCAAGCA  
 CTTTTGAAACGCAGGCAAGATGAATTAATGCGAATCATCATATTTGCAGCAGTTATCACGCAAGATG  
 AGACATCGGCAAAATGGAAGCTTGGCTGTGGATGAAAAGGATCAACGGATTTTGAAGAGATTGAAGCTCG  
 GAGGATGCAGAGAAGACAGGCCAGGGAGCTCTCGGCAGCTGTGACCATCAGGAAGGGATGTCTAGTGAT  
 GATGAGCTGTCTCCTGCAGAGATGACTAACTTCCACAAGTGCCAAGGTGACATTTTACAGGATTGTAAGA  
 AAGTTTTTGAAGATGTGCATGATGATTTTTGTAACGTCCAGAATATTTTATTGAAATTTACAGAGTGGCG  
 AGAAAAGTTTCTGATTCTACTATGAAGCCTTCGTTGGTTTCTGCTTACCAAAGCTTTTAAAGTCCCTG  
 ATACGAGTTCAGTTGCTTACTGGAATCCTCTTAAGATGGACTCCATAGGTCTAGACAAGATGCCCTGGT  
 TCACAGCTATAACAGAGTTTATGGAGAGCAGCATGGACGATATAGGGAAGGAAGATGGTTCTGATAAAAA  
 AATCTTGGCTGTGTATCAACAAAACAGTTGTTCCCTCGACTTACAGATTTTGTAGAGACCATTTGGGAT  
 CCCCTGTCAACCTCACAGACAAGAAGTTTAAACAGTGCAGTGCAGAGTGGCTTTTGAACAGTTCGCTTCTG  
 AAAATGAAGTTAGTAAAAATAAACAGGATTTACTTAAATCTATTGTTGCAAGAATGAAGAAGTCAATAGA  
 AGATGATATTTTTATTCCTCTATACCCAAAGAGCTCTGAAGAAGGAAAAATGTCACCACACTCCAAGTTC  
 CAAGAAAGACAGTTCTGGGGAGCTCTAAAGCTTTCGAAATATTTCTTTTGAATGGCCTTCTCCAG  
 ATGACACCTTGAAGATCTGGGACTGGGGAAGCTGCTGAATCGCTACCTATCATCTCTTACTAATGC  
 CGTCCCTGGACCAGATGTGGTTAAAAAGTGCAGCCAGATAGCAGCATGTCTACCAGAAAGATGGTTTGAG  
 AACTCTGCTATGAGGACATCAATCCCCAGCTAGAAAACCTTCAATTAAGTTTTTGTGAGTCTGCACAGA  
 AATTATCTCAAGTGAATTCAGGAATGAAGTCAAGTGAATAATTTATCTGTTGGAAGGTAAGCTCT  
 GACTCAAGCCGAATCCCTCAGAGAAGAGCGTCCCTGGAGCCCTCCAGCCAGAGTACAGGTGTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_177884  
**Insert Size:** 2310 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_177884.3</a> , <a href="#">NP_808552.2</a>
<b>RefSeq Size:</b>	3375 bp
<b>RefSeq ORF:</b>	2310 bp
<b>Locus ID:</b>	330361
<b>UniProt ID:</b>	<a href="#">Q8BKT3</a>
<b>Cytogenetics:</b>	6 C3
<b>Gene Summary:</b>	Factor that represses transcription. It binds to the GC-rich sequences (5'-GCGGGGC-3') present in the epidermal growth factor receptor, beta-actin, and calcium-dependent protease promoters. Involved in pre-mRNA splicing through regulating spliceosome C complex formation. May play a role during late-stage splicing events and turnover of excised introns (By similarity).[UniProtKB/Swiss-Prot Function]