

## Product datasheet for **RN212246**

### **Gcfc2 (NM\_001134554) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gcfc2 (NM_001134554) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gcfc2
Synonyms:	RGD1304792
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN212246 representing NM\_001134554  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACTCAGGCCTCAGAGACTTTCAGCGCGGCCAGGTTCGATTCAGCGATAGCGATAGCGACGGCA  
 CGAAGGAGCAGAGTGCTGAGGAGCCAGCGGAGTCAGGCAGGCCGTCTGCAGGCGGCCGAACAGAGGGAGC  
 GGAGCGGCCGCGCGGGGCCCGCAGCGCCGGGGCCGAGGTCGTGTCTGGGCGAGTTCGCCGCGCAGCCCG  
 GGAGCTGCTTCCCGAGGGGACGGAGGCGCAGTTAAGATCCCTGATGCAGCTTTTATTAGGCAGCCCGCA  
 GAAAACGTGAGCTGGCCAGGACCCCGGGGACTATATTTCACTGGATGTAACCCTCCCTCCACCACTTC  
 TGAGAGTAAGAGAAGCAATGGCGAGGACTCGGAGAGCGATCCTGATGACCACGAAAAAGAATACTATTT  
 ACCCCAAAGCCTCAAACACTCCGACAGAGAATGGCTGAGGAATCATCAATCAGGAATGAAGACTCGAGTG  
 AAGAGAGTCAGGAAGATGAAAGCCAAGACACCTGGGAGCAGCAGCAGATGAGGAAAGCCGTCAGGATCAC  
 AGAGGGACAAAGTATAGACCTTCCACAGCAGTAAGTCTCAGACACTGAAGAAGTTTGATAGTTCCATT  
 TCATTTGCACCAGTAAACTTGGAAATTATAAAGAAACAGTTAAATAGTAGATTAACATTACTACAGGATT  
 CTCATCGCTCACACCAGAGAGAATATGAAAAATATGAACAAGACATCAAGAGTTCAAAGACAGCTATTGA  
 GAAGCTTGAGAGTGGACCAGATCAAGCCCTAAACTACAAATTCTACAAAGGCATGAAAAATTTATGTGAA  
 AATATAATTGATTGTCTAAATGAAAAGATTAGCAGCATTGTGGAAGTACAGTCCATGTACACACTGC  
 TTTTAAAACACTCAGAAGCACTTTTGAACGCAGGCAAGATGAGCTAAAAATGTGAATCCTCATATTTGCA  
 ACAGTTATCACGCAAAGATGAGACATTGGCAAGTGAAGCTTGGCTCTGGATGAAAAGGATCAACGGATT  
 TTAGAAGAGATTGAAGCTCGAAGGGTGCAGAGAAGACAGGCAAGGGTCTGTCTGGGCAACTGTGACCATC  
 AGGAGGGGACATCCAGTGATGAAGAGCTGTCTCCTGCAGAGACTACTCCACAAGCCCAAGGTGA  
 CATTTTACAGGATTGTAAGAAAAGTTTTTGAAGATGTGCATGATGATTTTTTGAACGTCCAGAATATTTTA  
 TTGAAATTTAGCAGTGGCGAGAAAAGTTTCTGATTCCTACTACGAAGCCTTCGTTGGTTTCTGCTTAC  
 CAAAGCTTTTAAAGTCCCCTGATACGAGTTCAGTTGCTTGAATCCTCTTAAGATGGACTCCATGGG  
 TCTAGACAGGATGCCCTGGTTCACAGCCATAACAGAGTTTATGGAGAGCGGCATGGAAGATGTAGGAAAA  
 GAAGATGGTTCGGATAAAAAATCTTGTCTGCTGTCATCAACAAAACAGTTGTTCCCGCCTCACAGATT  
 TTGTAGAGATGATCTGGGATCCCCTGTCAACCTCGCAGACAAGAATTTAACAGTGCAGTGCAGAGTGGC  
 TTTTGAACAGTTTCTTCTGAAACTGAAGTCAGTAAAAGCAAACAGGATTTACTTAAATCTGTTGCTGCA  
 AGAATGAAGAAGTCAATAGAAGATGATGTTTTTATTCCTATACCCAAAGAGCTCTGAAGAAGGAAAA  
 TGTCAACCACTCCAAGTTCCAAGAAAGACAGTTCTGGGAGCTCTAAAGCTCTTCGAAATATTCTTCT  
 TTGGAATGGACTTCTCCAGATGACATCTTGCAAAATCTGGGACTGGGGAAGCTGCTGAATCGCTACCTT  
 ATCATTGCTCTTACTAACGCCATCCCTGGACCAGATGTTGTTAAAAAGTGCAGCCAGATAGCAGCATGTC  
 TGCCAGACAAATGGTTTGAAGACTCTGCTATGAGGACATCACTTCCCAGCTAGAAAACCTCGTTTCAGTT  
 TTTGTTGCACTGTCACGCAAATATCCACAAGTGAATTCAGGAATGAATCAATGGAATAATTCTTATC  
 CTGGTGAAGGTAAGGCTCTGAGTCAAGCTGAATCCCTCACAGAGGAGCATCGCTGGAGCCCTCACAG  
 CCCAGACGGCAGGTGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001134554

**Insert Size:** 2190 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>NM_001134554.1, NP_001128026.1</u>
<b>RefSeq Size:</b>	2583 bp
<b>RefSeq ORF:</b>	2190 bp
<b>Locus ID:</b>	312474
<b>Cytogenetics:</b>	4q34