

Product datasheet for **MC221509**

Gcc1 (NM_028900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gcc1 (NM_028900) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gcc1
Synonyms:	4932417P04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221509 representing NM_028900
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGAAGTTTGGGATGAATTCGGGGCGGCCCAAGTAAGAAGGATCTCTTGAGACCATCGAGACAC
 AGAAAAAGCAGCTTCTCCAGTACCAGGCAAGACTCAAGGATGTGGTGCGTGCCTATAAAAGCCTGCTGAA
 GGAGAAAAGGCCCTGGAGGCCAGCATCAAGTACTGTCGGTATCCCACGAGCGGGATGTAGGCCTCTCA
 GGTGTGCAGCCTCCAGGTCTCACGTTTCTGATTCTGTGGATGACCGGTGCTCCACTCACAGTGAGGACA
 GCACCGGAACTGCCACTAGCTTGGATACCGCAGCCAGTCTTACAAGTGTCAAGGGTGAATTTGGGGTTGA
 AGATGACAGAGCGGCCCTGGACCATTCCCCAAAGTCTGAAGAGGCCAGTGGGTGAGAGTGGCGTT
 AGTAGTAGCAGTGGGGATGGCCATCTGCCGTAGTGAGATGGACAAAAGAGTGCATCAGCTGAAGACTC
 AGTTGGCCACTTTGACTAGCTCCTTGGCGACGTCACTCAGGAAAAGTCCCGTATGGAGGCGTCTACCT
 GGCGGATAAGAAGAAGATGAAGCAGGACTTAGAGGATGCCAATAAAAAGGCAGAGGAAGAGCGGGTCCG
 CTGGAGGGAGACTTGAAGGTGCTGCAAGAGCAGATAGCAGAAAACCAAGCCCGCCTATTACACAGCAGC
 ACGATCGTGCCAGGAGCAGAGTGACCATGCCTTGATGCTGCGCGAGCTTCAGAAGCTCTTGACAGGGA
 GAGGACCCAGCGCCAGGACCTGGAATTCGCTTAGAAGAGACCAGAGAAGCCTTGGCAGGGCGGGCATAT
 GCCGCTGATCAGGTGCAAGGGTTTGAATGCAGACCAAGCAGCTGACCCGAGAGGTAGAGGAGCTGAAA
 GTGAGCTGCAAACCATTCGAGATGAGAAGAACCAGCAGACCCCGGCTGCAGGAGCTTCAGCAAGAGGC
 TGCCCGTCTTAAAAGCCATTTCCAGGCCAATTGCAGCAAGAAATGAGGAAGACAGCCCTTGAGAGGAC
 CAGCTCCGCCAGCAGTCTCAGGTAGAAGAGCAGAGAGTGCAGCCCTGGAGAGCCAGATCTCTGAGGTAT
 CTGAAGTCTGGGCACCTACGAGAAAAGCAAGCAGAAAAGACCAGCTGGCCATCCAGAAGCTGAAGGAGCG
 ACTTCTGCAGCTGGACCTGGAGAACAAGCACTGGCCCTCGCAGCCTCTAGCCGGTCTCCCTTGACATC
 CATGGCGACGAATCCAGTCTGGATATCAATGTCTTGAAGGACAAGATGGAGAAGCTCAAGAAGCTACTAC
 AGGTTGACAGTAGGAAAAGCCAGGTGACCTGGATGTGGAGAAGCTCTGCGACCTGAGATAATGGCCAA
 CTCCGAGGCTGCTGACGGGAAAAGGCTACCGCTCTACTACCAACAGGAGCTGAAGCAGCTGAAGGAA
 GAGTTTGAAGCGTATAAGATGCGAGCCCAAGTTGTGCTCAAAGCAAGAACACCAAGATGGGAGCCTGG
 GGAAGGAGCTGGAGGCAGCACAGGAGCAGCTCGCAGAGCTGAAGGACAAGTATATCTCCCTGCGGCTGC
 CTGTGAGGAGCTGAAAAGCCAGCACCAGCAGGAGGCTGAGGACTGGAAGCAGGAAGTGGCCCGGCTGCAG
 CAGCTCCATCGCAGGAAGTGGAGCGCAGCCAGCTGGACTTCAGGGACCGCACACTGAAACTGGAGGAGG
 AGCTACACAAGCAGCGGGACCGGCCCTGGCTGTGCTCGCGGAGAAGGACTTGGAGCTGGAGCAACTACG
 TTCTGTGGCCTTGTCTCTGGGTTGCCAGGACGCAAGCCCCGTGGGAGGAGTGGTGGTGGAGGTCTT
 GGGGACCCAGCCGACACAGCCTCCTCAGATAGCTTGACCCAGGCCCTGCAGCTTGTGTCAGCCAACGAGC
 CCACCTTCTTTTATGCTGAGCAGTTGGCCGCAAGGAGGTGGAGATCACATCTCTGAGGAAGCAGAA
 ACACAGGCTGGAGGTAGAAGCCCATCAGCTGCAGGAAAGGCTGCTGGAGGAGGGCGAGCGGCATCGAGAG
 GAGGTTGGAGCCCTCCAGAGCCACATCGAAAAGAATATGAGGGACCAGAGCAGGGAGGGAGCCAACCTGG
 AATATCTCAAAAACATCATCTACCGCTTCTGACCCTGCCCGACAGCCTGGGCCCGCAGCAGACGCTCAC
 CGCCATCTCACGATCTTGCACTTCACTCCTGAAGAGAAAAGTCTAATGCGGCTCCCAAGCGGTGGG
 AGCTGGTGGCCTTCCGGCAAGAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028900
Insert Size: 2337 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:	<ol style="list-style-type: none">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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_028900.4 , NP_083176.3
RefSeq Size:	4138 bp
RefSeq ORF:	2337 bp
Locus ID:	74375
UniProt ID:	Q9D4H2
Cytogenetics:	6 A3.3
Gene Summary:	Probably involved in maintaining Golgi structure.[UniProtKB/Swiss-Prot Function]