

## Product datasheet for **SC112200**

### **GCC1 (NM\_024523) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GCC1 (NM_024523) Human Untagged Clone
Tag:	Tag Free
Symbol:	GCC1
Synonyms:	GCC1P; GCC88
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_024523, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAAGTTTGGGATGAATTCGGGGCGGCCCGAGCAAGAAGGACTTGCTGGAGACTATAGAGACCC
AGAAGAAGCAGCTTCTCCAGTACCAGGCACGGCTCAAGGATGTGGTCCGTGCCTATAAAAGCCTGCTGAA
GGAGAAAGAGGCATTAGAGGCCAGCATCAAGGTGCTGCGGTATCCCACGAGGCAGATGTGGCCCTCGCA
GGTGTCCAGCTTCCAGGCCCTCACCTTTCCTGACTCTGTGGATGACCGGTGCTCCACTCACAGCGAGGATA
GCACTGGGACCGCCACTAGCTTGGATACTGCGGCCAGTCTCACCAGCACCAAGGGTGAGTTTGGGGTAGA
AGATGACAGACCGGCCCGTGGACCACCCTCCAAAGTCCGAAGAGGCCAGTTGGTCCGAGAGTGGCGTT
AGCAGTAGCAGTGGGGATGGGCCATTTGCAGGTGGGGAGGTGGACAAAAGACTGCACCAGCTGAAGACTC
AGTTGGCTACTTTGACCAGTTCTTTGGCTACAGTCACTCAGGAGAAGTCCCGCATGGAGGCTTCTACTT
GGCTGACAAGAAAAGATGAAACAGGACTTAGAGGATGCCAGTAAACAAGGCGGAGGAGAGGGCCCGC
CTGGAGGGGAGAATTGAAGGGGCTGCAGGAGCAAATAGCAGAAACCAAAGCCCGGTTATCACGCAGCAGC
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TGCCCCGCTTAAGAGCCATTTCCAGGCTCAGTTACAGCAGGAAATGAGAAAGACAGCTCTTGAGAGGAT
CAACTCCGTCAGCAATCTCAGGTAGAAGAACAGAGGGTGGCAGCCCTGGAGAATCAAATATCCGAGGTGT
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CATTTGAGAGGAGTCCAGTCTGGATGTCAATGTCTGAAAGATAAGATGGAGAAGCTGAAGAGGCTGCTGC
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CTCGGAGGCTGCTGATGGGGAGAAGGCTACTGCACTCTATTACCAACAGGAGCTGAAACAGCTGAAGGAA
GAGTTTGAGAGGTACAAGATGAGAGCCCAGGTTGTCTCAAAGCAAGAAATACCAAAGATGGTAACCTGG
GAAAGGAGCTGGAGGCAGCCAGGAACAGCTTGCAGAGCTGAAGGAGAAGTATATTTCCCTGCGGCTCTC
CTGCGAGGAGCTGGAGCACCAACACCAGCAGGAGGCTGATGACTGGAAGCAGGAGCTGGCCCGGCTGCAG
CAGCTCCACCGCAGGAGCTGGAGCGGTGCCAGCTGGACTTCAGGGACCGCACACTGAAACTGGAGGAGG
AGCTGCACAAGCAGCGGGATCGTGCCCTAGCTGTGCTCACCGAGAAGGACTTGGAAGTGGAGCAACTGCG
TTCTGTGGCCTTGGCCTCTGGGCTGCCAGGACGAGAAGTCTGTGGGTGGTGGCGTCTGGGGACCCA
GCTGACACATCATCCTCTGATAGCTGACCCAAGCATTACAAGTTCAGCGGCCAATGAGCCCACTTCT
TTCTGTACGCTGAGCAACTGGCCCGCAAGGAGGTGGAGATCACATCACTGAGGAAGCAGAAGCACAGGCT
GGAGGTGAGGTGCATCAGCTGCAGGATCGGCTGCTGGAGGAGGGCGAACGGCATCGTGAGGAGGTTGCA
GCCCTGCAGAGCCACATCGAAAAGAACATCAGGGACCAGAGCAGGGAGGGAGCCAATCTGGAGTACCTCA
AAAACATCATCTACCGCTTCTGACCTTACCTGACTCCCTGGGCCGCCAGCAGACTCTCACAGCCACTACT
GACTATCTTGCACTTCAGTCCAGAGGAGAACAAGTGATAATGCGACTCCCAACCAAGTCCAGCTGGTGG
CCTTCTGGCAAGAGATGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_024523 unedited  TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGGAGGGAGAATTGA  AGGGGCTGCAGGAGCAAAATAGCAGAAACCAAGCCCGGCTTATCACGCAGCAGCATGATC  GGGCCCCAAGAGCAGAGTGACCATGCCTTGATGCTGCGTGAGCTCCAGAAGCTGCTGCAGG  AGGAGAGGACCCAGCGCCAGGACTTGGAGCTTAGGTTAGAAGAGACCCGAGAAGCCTTGG  CAGGACGAGCATATGCAGCTGAACAGATGGAAGGATTTGAACTGCAGACCAAGCAGCTGA  CCCGTGAGGTGGAGGAGCTGAAAAGTGAAGTGCAGGCCATTCGAGATGAGAAGAATCAGC  CAGATCCCGCGCTGCAAGAACTTCAGGAAGAGGCTGCCCGCCTTAAGAGCCATTTCCAGG  CTCAGTTACAGCAGGAAATGAGAAGACAGCTCTTGACAGAGGATCAACTCCGTCAGCAAT  CTCAGGTAGAAGAACAGAGGGTGGCAGCCCTGGAGAATCAAATATCCGAGGTGTCTGAGC  TGCTAGGCACCTACGAGAAAGCCAAGCAGAAGGACCAGCTGGCCATTCAGAAGCTGAAGG  AGCGCATTCTGCAGCTGGACCTGGAGAACAAGACTGGCTCTAGCAGCCTCCAGCAGGT  CCCCTTTAGACAGCCATGGAGAGGAGTCCAGTCTGGATGTCATGTCCTGAAAGATAAGA  TGGANAANCTGAAGAGGCTGCTGCAGGTTGCGGCCAGAAAAGCCAGTGACCCTGGATGTG  GAGAGCTCTGTGACCTGGAGATATGCCACCTCGNAGCTGCTGATGGNGAAANGCTACTG  CACTCTATTACCACAGGAGCTGNAACAGCTGAAGGAAGAGTTTGAGAGGTACCAGATGAA  AGCCCAGCTGTCTCAAAGCAAGATA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_024523 unedited  CGAGGCCCAATTTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCAAGTCACTCAGGTTTAAT  GATTCCATCATTTGGACACATAAACTTCTGTTCCATTTAAGTCTGCTCACTGTAGATAAT  CCAGGTACCCAGCCTCCATTAAGATTTAATCAAAGTTTTCTGCACCCAAACCCTCAC  AAACAGACCTCTATGATGAAATCACATTTTTTTACTTATTAGTCCAGTTAGTGGCCAAA  CATTGGTCTTTAGAGTCAAAGACCTCTATAACCAGTAACAGTAGTTGGGAGAAAAGAAG  GAATAAAGAACTGAGTTTTCTGAGAACCCCTTTCCAGACTGCCTGAATAAGTTGCCTT  TTCTTAAAGAGCAGGATTAATCTACTTATGCCAAGACCCACTGGGCAGAAAAGCACCCCA  ACCCAGTTTTAGCTGATCTTTACCACTCCCTGTGAGAGCTACAGCAATCTTTCCGAATT  TGCTGCAGCCAACTTTGCCCTTTGCTGACCCTACAAGGCACAAAAGCTAGGGGCCAAT  CTCTGAGCTAATTCCTTGAACACGCAGGATGAGCTTCCCATTGGGACCCCTCTCTGA  GAGAAGCTAGGACTCTATCGCGTACGGAAGTTTATTCTTGGAGAAAACATACCTACGC  GTCCGGGCTGACACTTTGCGGCCTACCTCCAGGCCATGGCTAATGCGAGGATAGGCAAC  ATAGGCCCATTTCAACCTTTGCGCCACCAAGCGGTACCTCCGGAACACACCACAACAA  CCCAGGCGACAGGGCCCACTAAGAGGGATTAACCGCGTGACGGCTTGGGTCTCTCCCG  GCCCTTTCGATTAGCTTGCCGGCGCTTCCCAAAAATTGCTTTTTGTTACCCTCGGGATTG  GGTGAAGGCCGCTTCAAACATGTGACCTTTACCAAT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_024523
<b>Insert Size:</b>	3160 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).

**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\\_024523.2](#), [NP\\_078799.1](#)

**RefSeq Size:** 4152 bp

**RefSeq ORF:** 4152 bp

**Locus ID:** 79571

**UniProt ID:** [Q96CN9](#)

**Cytogenetics:** 7q32.1

**Domains:** GRIP

**Gene Summary:** The protein encoded by this gene is a peripheral membrane protein. It is sensitive to brefeldin A. This encoded protein contains a GRIP domain which is thought to be used in targeting. It may play a role in the organization of trans-Golgi network subcompartment involved with membrane transport. [provided by RefSeq, Jul 2008]