

## Product datasheet for **SC111945**

### GCC2 (NM\_014635) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GCC2 (NM_014635) Human Untagged Clone
Tag:	Tag Free
Symbol:	GCC2
Synonyms:	CLL-associated antigen KW-11; CTCL tumor antigen se1-1; GCC185; GRIP and coiled-coil domain-containing 2; GRIP and coiled-coil domain containing 2; GRIP coiled-coil protein GCC185; KIAA0336; REN53
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014635, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCAAGAGGTTGAGGATTCTGTAACAAAGATGGGAGATGCACATAAGGAGTTGGAACAATCACATA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014635 unedited</p> <pre> NGGTCAATTTGATACACTATTAGGCGCCGGATTGCGCCAGGGAAATTAAC TGAACATTG CCCAAAGAAGACCTCATCAAGTTTGCCAAGAAACAGATGATGCTAATACAGAAAGCTAAA TCAAGGTGTACAGAAATGGAGAAAGAAATTGAAGAACTCAGATCAAAACCTGTTACTGAA GGAAGTGGTGATATTATTAAGGCATTAAC TGAACGTCTGGATGCTTCTTCTGGAAAAA GCAGAGACTGAGCAACAGTGTCTTCTCTGAAAAAGGAAAATATAAAAAATGAAGCAAGAG GTTGAGGATTCTGTAACAAAGATGGGAGATGCACATAAGGAGTTGGAACAATCACATATA AACTATGTGAAAAGAAATTGAAAATTTGAAAATGAGTTGATGGCAGTACGTTCCAATAC AGTGAAGACAAAGCTAACTTACAAAAGCAGCTGGAAGAAGCAATGAATACGCAATTAGAA CTTTTCAGAACTTAAATTTTCAGAACTCTGAAGATAATGTTAAAAAACTACAAGAA GAGATTGAGAAAATTAGGCCAGGCTTTGAGGAGCAAAATTTATATCTGCAAAAGCAATTA GACGCTACCACTGATGAAAAGAAGGAAACAGTTACTCAACTCCAAAATATCATTGAGGCT AATTCTCAGCATTACCAAAAAATATTAATAGTTTGCAGGAAGAGCTTTTACAGTTGAAA GCTATACACCAAGAAGAGGTGAAAGAGTTGATGTGCCAGATTGAAGCATCAGCTAAGGAA CATGAAGCAGAGATAAATAAGTTGAACGAGCTAAAAGAGA ACTTAGTANNACATGTGAG GGGCAGTGA AAAAGAACATCCAGAAGAAATATGAATGTGAGTTAGAAAATTTAGGNAAGNC CACCTCANATGCAACCCAAGACATCAGATATN </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014635 unedited</p> <pre> CTTGGACGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTACAGTTAAAC ATATTTAATAGAAAATTTAAAATCATCATTACACTTCTCTCATTGCAGAAACCATGAAA GAATATGCCTTTTGTAAATCAAAGTAATTTTTTATCATGCAAAAAATTATTTTGTTATGAC ATTCGTAAGCAGAGACTATATTTCAAAACAAGTTTATACAGACTTCAAAAAGGTCTAAAGT CAAAGAGAAAAGTAAAATATATTTAAATATGATTAGTTACATCGTATGCAGCTGGCATACT CATATTCACAGTTTATAAAGTAAAAAACTAAACTCTTCATGTCAGCTCTGAAATAGATG CATTTTCATTAATACATTCAGTTAGGTCTGTTCTTCTAAGACAGGAGGAAAGATGAG ATATATGAGCTATTTTTAAAGAACA AACTCAACATATCAGCAGCAAATTTAGTTAAAC TGAATTGGAACCAATGTTCTGTGTAACCAAAGTGCAAAGCCAGTTCTCCAGCTCAGAAA GAAAATTAATTAAGAGTATAAACTGAAGGCTTAAAGAGAACTTCAGAGAGCATACTGTGT GATTAACACATAAATATTACAAATTATCCAATTTTTGATTTAAGAACAACACAGTTTGGA TCTAGTCATTA AAAACATATGCAGAGGTGTCAAAGGCAAGTAACACTACCACCTAAGGTTA TTCGGAGGAACTGTGACGATGTANCACGGACCTCTAAGGTGTCTAAAATCCCTTCTGATG GAAAGCTTATGGAACACTATCTGCCAAANCACTGAAAGCACACTTNTATATTTAGATCCA AGCTGGATGATATAGCCACTGTCGTAAGGGTCTTATTCGGGAAATGGGAGAGATTTTAA AACAGATTCATGTTTTGCATGCCGGCACCCCTTCAAGAGCTGGAAGACACATGAAATCCC TCAGTGGTGGCCCACTACTAAACAGGGTACACAN </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014635
<b>Insert Size:</b>	7440 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\\_014635.3](#), [NP\\_055450.1](#)

**RefSeq Size:** 6833 bp

**RefSeq ORF:** 4752 bp

**Locus ID:** 9648

**Cytogenetics:** 2q12.3

**Domains:** GRIP, M

**Gene Summary:** The protein encoded by this gene is a peripheral membrane protein localized to the trans-Golgi network. It is sensitive to brefeldin A. This encoded protein contains a GRIP domain which is thought to be used in targeting. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009]  
Transcript Variant: This variant (2) lacks an alternate in-frame segment in the 5' coding region and uses a downstream start codon, compared to variant 1. Isoform b has a shorter N-terminus, compared to isoform a.