

Product datasheet for **SC107905**

GC1q R (C1QBP) (NM_001212) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | GC1q R (C1QBP) (NM_001212) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | GC1q R |
| Synonyms: | COXPD33; gC1Q-R; GC1QBP; gC1qR; HABP1; p32; SF2AP32; SF2p32 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC107905 sequence for NM_001212 edited (data generated by NextGen Sequencing) |

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ATGCTGCCTCTGCTGCGCTGCGTGCCCGTGTGCTGGGCTCCTCCGTCGCGCCGCTCCGC
GCTGCCGCGCCCGCTCGCCTTTCCGGCAGCTCCTGCAGCCGGCACCCCGCTGTGCACC
CGGCCCTTCGGGCTGCTCAGCGTGCGCGCAGGTTCCGAGCGCGCGCCGGCCTCCTGCGG
CCTCGCGGACCCTGCGCCTGTGGCTGTGGCTGCGGCTCGCTGCACACCGACGGAGACAAA
GCTTTTGTGATTTCTGAGTGATGAAATTAAGGAGGAAAGAAAATTCAGAAGCATAAA
ACCCTCCCTAAGATGTCTGGAGTTGGGAGCTGGAAGTGAATGGGACAGAAGCGAAATTA
GTGCGGAAAGTTGCCGGGAAAAATCACGGTCACTTTCAACATTAACAACAGCATCCCA
CCAACATTTGATGGTGAGGAGGAACCCTCGCAAGGGCAGAAGTTGAAGAACAGGAGCCT
GAACTGACATCAACTCCAATTTCTGTTGAAGTTATAAAGAATGATGATGGCAAGAAG
GCCCTTGTGTTGACTGTCAATTCCAGAGGATGAGGTTGGACAAGAAGACGAGGCTGAG
AGTGACATCTTCTATCAGGGAAGTTAGCTTTAGTCCACTGGCGAGTCTGAATGGAAG
GATACTAATTATACACTCAACACAGATTCTTGGACTGGGCTTATATGACCACCTAATG
GATTTCTTGCCGACCGAGGGGTGGACAACACTTTTGCAGATGAGCTGGTGGAGCTCAGC
ACAGCCCTGGAGCACCAGGAGTACATTACTTTTCTTGAAGACCTCAAGAGTTTGTCAAG
AGCCAGTAG

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Clone variation with respect to NM_001212.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001212 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGCGCAGTCGTTTCCGGC
 ATGCTGCCTCTGCTGCGCTGCGTGCCCGTGTGCTGGGCTCCTCCGTCGCCGGCCTCCGC
 GCTGCCGCGCCCGCTCGCCTTTCCGGCAGCTCCTGCAGCCGGCACCCCGGCTGTGCACC
 CGGCCCTTCGGGCTGCTCAGCGTGCGCGCAGGTTCCGAGCGGCGGCCGGGCTCCTGCGG
 CCTTCGGGACCCCTGCGCCTGTGGCTGTGGCTGCGGCTCGCTGCACACCGACGGAGACAAA
 GCTTTTGTGATTTCCTGAGTGATGAAATTAAGGAGGAAAGAAAAATTCAGAAGCATAAA
 ACCCTCCCTAAGATGCTCTGGAGGTTGGGAGCTGGAAGTGAATGGGACAGAAAGCGAAATTA
 GTGCGGAAAGTTGCCGGGAAAAATCACGGTCACTTTCAACATTAACAACAGCATCCCA
 CCAACATTTGATGGTGAGGAGGAACCTCGCAAGGGCAGAAGGTTGAAGAACAGGAGCCT
 GAACTGACATCAACTCCCAATTTCTGTTGAAGTTATAAAGAATGATGATGGCAAGAAA
 GCCCTTGTGGTGGACTGTCATTATCCAGAGGATGANGTTGGACAAGAAGACGANGCTGAG
 AGTGACATCTTCTATCAGGGAAGTTAGCCTTCAGTCCACTGGCGAGTCTGAATGGAAG
 ATACTAATTATACACTCCACACAGATCCCTGGACTGGGCCCTATATGACCACCTAATGG
 ATTCCTTGGCCGACCGAGGGGGGACAACACTTTTGCAGATGAGCTGTTGGAGTCCAC
 CCAGCCCTTGGACCCCAAGTAGTACATTACTTTTTTTTGGACACCTCAGAGTTTTGTCAA
 CAAGCACGAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001212 unedited
 GACCGCGGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTGGAGGAAATAACCAATTTTATGTCTATCATGTTATACAAAAATCTAG
 AAATAATAGATTTGTACAGAAAAAATGATAATAATGAGAACACAAAACATATAATTTA
 AATTTGGTATTTTTTCCCCATGATATTAGGATGATAATCATTTCAAAGCACATGTCTAG
 CTTCAAAGTAGGATTTGTTCACTGGCCAAAGCCTGCCATGAAACTATGGGTTTCAACATC
 TGCTGCTCTACTGGCTCTTGACAAAACCTTGAGGGCTTCAAAAAAGTAATGTACTCC
 TGGGGCTCCAGGGCTGTGCTGAGCTCCACCAGCTCATTTGCAAAAGTGTGTCCACCCCT
 CGGTCGGCAAGGAAATCCATTAGGGGGTCATATAAGGCCCAGTCCAAGGAATCTGTGTTG
 AGTGTATAAATAGTATCCTTCCATTCAAACCTCGCCAGTGGACTGAAAGCTAACTCCCTG
 ATAGAGAAGATGTCACCTCAGCCTCGTCTTCTGTCCAACCTCATCCTCTGGATAATGA
 CAGTCCAACACAAGGGCCTTCTTGCCATCATCATTCTTTATAACTTCAACCACGAAATTG
 GGAGTTGATGTCAGTTCAGGCTCCTGTTCTTCAACCTTCTGCCCTTGGAGGGTTCCTTCT
 CACCATCAAAAGTTGGTGGGATGCTTGTGTTAATGTGAAAATGACCGTGGATTTTTTCC
 CCGGAACTTTTCCGAATAATTTTCTTCTGTCCATTGATTTTCAAGCTTCAACCTTCAAG
 AACTTTAAGGAGGGTTTATGCTCCTGAATTTCTTTTCTCCCTTAATTATCACCAGGA
 AACAAAAAAGTTTGTCCCGTGGGTGGCAGCAACCGAATCCACCCAGG

Restriction Sites:

NotI-NotI

ACCN:

NM_001212

Insert Size:

1100 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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_001212.3](#), [NP_001203.1](#)

RefSeq Size: 1163 bp

RefSeq ORF: 849 bp

Locus ID: 708

UniProt ID: [Q07021](#)

Cytogenetics: 17p13.2

Domains: MAM33

Gene Summary: The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system. The protein encoded by this gene is known to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein. [provided by RefSeq, Jul 2008]