

Product datasheet for **SC127014**

CGR19 (CGRRF1) (NM_006568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CGR19 (CGRRF1) (NM_006568) Human Untagged Clone
Tag:	Tag Free
Symbol:	CGR19
Synonyms:	CGR19; RNF197
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006568, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCGGTGTTTCTGGTAACGCTTTATGAATACTCGCCGCTTTTCTACATCGCGGTGGTCTTTACCT
GCTTCATCGTGACCACCGGCTGGTATTGGGATGGTTGGTTGGGATGTTCCAGTAATTCTGAGAAATTC
AGAAGAGACCCAGTTCAGCACAGAGTTTTCAAAAAGCAAATGAGACAAGTCAAGAATCCTTTGGCTTA
GAGATCACTAATCCATCTTCAGCTTCAATTACAACCTGGCATAACCTTGACAACAGATTGCCTTGAAGATA
GCCTCCTTACATGCTACTGGGGTGCAGTGTTCAAAAATTATATGAAGCTCTGCAGAAGCATGTTTATTG
CTTCAGAATAAGCACTCCCAAGCATTAGAAGATGCTCTGTATAGTGAATATCTCTATCAGGAACAGTAT
TTTATTAAGGATAGCAAAGAAGAAATATATTGCCAGTTACCAAGAGATACTAAAATTGAAGACTTTG
GTACAGTACCCAGATCTCGCTATCCATTGGTAGCGCTATTGACCTTAGCTGATGAGGATGACCGGGAAAT
TTATGATATTATTTCCATGGTGTGCAAGTATTATTCCTGATAGGACTTATAAACTATCCTGCAGAATA
TTGTATCAATATTTACTCTTGGCTCAAGGTCAATTTATGATCTTAAGCAACTTTTCATGCTGCAATA
ATAATTTCACTCCCTCCAACAATTCCTCTTCAGAAGAAAAAACACAGACAGAAGTTTGTGGAAAAAGGT
GGGACTCTTGAAAGTGAAGTTGAGCCATCGGAAGAGAACAGCAAGGACTGTGTTGTTGCCAGAATGGG
ACTGTGAAGTGGTACTTTACCATGCAGACACACATGCCTGTGTGATGGCTGTGTGAAGTATTTTCAGC
AGTGCCCAATGTGCAGGCAGTTTGTTCAGGAATCTTTGCACTTTGCAGTCAAAAAGAGCAAGATAAAGA
CAAACCGAAGACTCTTTGA
  
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006568 unedited
 ACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCGGCACGAGGC
 TGGGCTCCGCGGCTGGAGCCGGGCTCTACCCAGAGCAAGACCCTGATGGCTGCGGTGTTT
 CTGGTAACGCTTTATGAATACTCGCCGCTTTTCTACATCGCGGTGGTCTTTACCTGCTTC
 ATCGTGACCACCGGCCTGGTATTGGGATGCTGGCATAACCTTGACAACAGATTGCCTTGA
 AGATAGCCTCCTTACATGCTACTGGGGTGCAAGTGTTCAAAAATTATATGAAGCTCTGCA
 GAAGCATGTTTATTGCTTCAGAATAAGCACTCCCAAGCATTAGAAGATGCTCTGTATAG
 TGAATATCTCTATCAGGAACAGTATTTTATTTAAAAAGGATAGCAAGAAGAAATATATTG
 CCAATTACCAAGAGATACTAAAATTGAAGACTTTGGTACAGTACCCAGATCTCGCTATCC
 ATTGGTAGCGCTATTGACCTTAGCTGATGAGGATGACCGGAAATTTATGATATTATTTT
 CATNGGTGTCAGTGATTCATATTCTGATAGGACTTATAAACTATCTGCAGAATATTGT
 ATCAATATTTACTCTGGCTCAAGGTCAATTTTATGATCTTAAGCAACTTTTATGTCTG
 CAATAATAATTTCACTCCCTCAACAATTCCTCTTCAGAGAANANACCGNACAGAAAGTT
 TGTGAAAAAGGGTGGACTTCTGNAAGGAAAGTGAGCATCGAAAACACAAGACTTGTGT
 TTTTGTTCAAAGAGGGATGAGAAAAGGGGGTTTCTTACATGCAACCAGCTGGGGGAGGG
 GGGGGGAAAAATTTTANCAGCATGGAGCGCCGNNTTTTTAAAAAATTTTCCCTTTTGC
 ATCAAAGACAGAAACAAACGAATCTTTTGAGAACGAACCTGAAGGCCCTTCTAAGAAAAA
 GGGGGTGTGGGGGATCTACGGGGTCCCGCCGCCAGAAAAATTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006568 unedited
 ACCGCGGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTCTTTTCAAAGTTGAA
 TGAATTTTTATGTATCAACACAGATGGATTCCAGTATTCATTACTAAGCAGAAAGGAAT
 AATTAATTTTTATCATCCAAGTACCATACAAATATGAAGTTAAATATAATTTTATTGA
 TGGTCAGTACTGTAGATTCCATGTTATGATGAATTCCAAGATCATCAATTTCTGCATCTT
 TAGTAGAAAGTGTACTTTTCAAGTGTACGATGTCTTCAAAGAGTCTTCGGTTTGTCTTTA
 TCTTGCTCTTTTGAAGTCAAAAGTGAAAAGATTCTGAACAACTGCCTGCACATTGGG
 CACTGTGTAAGTACTTCACACAGCCATCACACAGGCATGTGTCTGCATGGTAAGAGT
 ACCCAGTTCACAGTCCCATTCTGGCAAACAACACAGTCTTGTGTTCTCTTCCGATGGC
 TCAACTTCACTTTTCAAGAGTCCACCTTTTCCAACAACTTCTGTCTGTGTTTTTTCT
 TCTGAAGAGGAATTGTTGGAGGGAGTGAATATTATTTGCAGACATGAAAAGTTGCTTA
 AGATCATGAAATTGACCTTGAGCCAAGAGTAAATATTGATACAATATTCTGCAGGATGAT
 TTATAAGTCTTATCAGGAATATGAATCACTGACACCATGGAAATAATATCATAAATTTCC
 CGGTATCCTCATCAGCTAAGGTCAATAGCGCTACCAATGGATAGCGAGAATCTGGGNTA
 CTGTACCAAAGTCTTCAATTTTAGTATCTCTTGGGACTGGNCATATATTCTTCTTTGC
 TATCTTTTTTATAAAATACTGTTCTGTAGAGAAATTCATACAGAGCATCTTCTATGC
 TGGGGGAGTGCTTATCTGAGCCATAACATGCTCTGCAAACTT

Restriction Sites:

NotI-NotI

ACCN:

NM_006568

Insert Size:

1190 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:	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:	<u>NM_006568.2, NP_006559.1</u>
RefSeq Size:	1323 bp
RefSeq ORF:	999 bp
Locus ID:	10668
UniProt ID:	<u>Q99675</u>
Cytogenetics:	14q22.2
Domains:	RING
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Able to inhibit growth in several cell lines.[UniProtKB/Swiss-Prot Function]