

## Product datasheet for **SC212203**

### **GNAQ (NM\_002072) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GNAQ (NM_002072) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNAQ
Synonyms:	CMC1; G-ALPHA-q; GAQ; SWS
ACCN:	NM_002072
Insert Size:	2000 bp



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**Insert Sequence:**

>SC212203 3'UTR clone of NM\_002072

The sequence shown below is from the reference sequence of NM\_002072. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGAACCTGAAGGAGTACAATCTGGTCTAATTGTGCTCCTAGACACCCGCCCTGCCCTTCCTGGTGG
GCTATTGAAGATACACAAGAGGGACTGTATTTCTGTGAAAACAATTTGCATAATACTAATTTATTGCC
GTCCTGGACTCTGTGTGAGCGTGTCCACAGAGTTGTAGTAAATATTATGATTTTATTTAACTATTCA
GAGGAAAAACAGAGGATGCTGAAGTACAGTCCCAGCACATTTCTCTCTATCTTTTTTTTAGGCAAAAC
CTTGACTCAGTGTATTTAAATCTCAGTCTGCACTCACAAGATAAGACTTGTTCCTTTCTGTCT
CTCTCTTTTTCTTTCTATGGAGCAAAACAAGCTGATTTCCCTTTTTTCTTCCCGCTAATTCAT
ACCTCCCTCTGATGTTTTCCAGGTTACAATGGCCTTATCCTAGTCCATTCTGGTCAAGTTTTT
CTCTCAAATGATACAGTCAAGACACATCGTTTCGATTTAAGCCATCATCAGCTTAATTTAAGTTTGTAGT
TTTTGCTGAAGGATTATATGTATTAATACTTACGGTTTTAAATGTGTGCTTTGGATACACATAGTT
TCTTTTTTAATAGAATATACTGTCTTGTCTCACTTTGGACTGGGACAGTGGATGCCCATCTAAAAGTTA
AGTGTCAATTTCTTTTAGATGTTTACCTTCAGCCATAGCTTGATTGCTCAGAGAAATATGCAGAAGGCAG
GATCAAAGACACACAGGAGTCTTTCTTTTGAATGCCACGTGCCATTGTCTTCCCTCCCTCTTTGCT
TCTTTTTCTTACCCTCTCTTTCAATTGCAGATGCCAAAAAAGATGCCAACAGACTACATTACCCTAA
TGGCTGTACCCAGAACCTTTTTATAGGTTGTTCTTAATTTTTTGTGTTGTTGTTCAAGCTTTTCT
TTCTTTTTTTCTTGGTGTGTTGGGCCACGATTTAAAAATGACTTTTATTATGGGTATGTGTTGCCAAG
CTGGCTTTTTGTCAAATAAAATGAATACGAACCTAAAAATAAAAGCTGGTATCTTAAAAATGAAGAGA
GTAAGACTGTGAAGCCTAAAATGACTGGCTGAGAATGAACCAGAAATGCCATTTGCCAAACAGTTGTAA
CTAGAAATTTGATTCTCACGGTCCATTCTTTCTTTGTCCTTAAGATGACATTGTTAGTGTTCACGTCC
CATGTTCAAGTGTCAAACCGGCAATGAAAAAGTATCCTGTGTGGTTAACAGGAAATCTGTTTATGTC
TCTTTATTTGAAACAGTTTTACTCTCAGTGGTCTTTAAGTTCAATGAAGTCTGCCAGGAACATTGGT
TGGTAGTATTATCCGACACCTTAATTTCCAAAATCTGAAGTCTGCTAGTTTACCACCTTCATGAT
CTTCTGAACTGGTAAGTATTAGGTTGAACCTTATGGAAGATTTGTGGACTTAACTCAAAGTAACCTC
TCAGTGTCTATAGAACATGATTTGTGTAAGTGAACCTACCAGGAGAAATGTTTGAATCTATATGT
GCAATTTTTCAACAAATGCAAAAAAATACAGCACATGATTGACAAGCTTCTGTCAAGCAGCTTGAGT
TGAAATTTGATTTAAGAAAATAAATCATGATTGTTCAAAGCTGCTGGGAGTTAGAATTAGCCATGAT
ACTGGTCTCATTTAACTACAGTGGTATTTGGCACTAGTGTAACCTCCATATAAATCACTCTTTTGG
ACAACAAAGGGGGAGGGAGAAAAATCACGGCCTGTTAAATGAGTACCAAAGCCGCCCAACAGTAATGAG
ATGTTCTCATCTTGATTCTCCAGCCTCAAACAACACAGCTTACTTTTTTTTTCCCTTGCTCAGAAAG
TACCTGTAATTTAACAACAGACTGCCTGTAGGTATAGTGCAATTACAAATGCTCTAATCATTGTACA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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**Restriction Sites:**

SgfI-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_002072.5](#)

**Summary:** This locus encodes a guanine nucleotide-binding protein. The encoded protein, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation. A related pseudogene exists on chromosome 2.[provided by RefSeq, Nov 2010]

**Locus ID:** 2776

**MW:** 77