

## Product datasheet for **SC214188**

### G0 Protein alpha (GNAO1) (NM\_020988) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	G0 Protein alpha (GNAO1) (NM_020988) Human 3' UTR Clone
Symbol:	G0 Protein alpha
Synonyms:	DEE17; EIEE17; G-ALPHA-o; GNAO; HLA-DQB1; NEDIM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020988
Insert Size:	1400 bp



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**Insert Sequence:** >SC214188 3'UTR clone of NM\_020988  
 The sequence shown below is from the reference sequence of NM\_020988. 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
AACAACTCCGGGCTGCGGCTTGACTGACCTTTGTCCTGTATAGCAACCTATTTGACTGCTTCACG
GACTCTTTGCTGTTGACGTTGATCTCCTGGTAGCATGACCTTTTGGCCTTTGTAAGACACACAGCCTTT
CTGTATCAAGCCCTGTCTAACCTACGACCCAGAGTGACTGACGGCTGTGTATTCTGTAGAATGCTG
TAGAATCCGGTTTTAGTTGAGTCTTACATTTAGAATTTGAAAGGAAAAACAGAACATTTCTCATGTGC
TTTGTAGCTTAAAAAAGGAAAACCTACCATTTCCATATTTCTTTTCTTGCAAAAACAAACATAACC
CATCTGCACCGACGCCTGCCCCGTCCACCTCGCGGCGCAGCCCTGGAGCTCTGCTGGGGGGCAGG
GCCCATCTGCCGCTGGGGCTCCGGTGCCTGACTGGTCCGAGGAGTGTGCTCAGGCCGGGCTTTCCA
GAAGGCCACAGGCCACTGCAAACCTGCTGCCTGCCGGCCGCCAGACACCACAGACGCCACCTGGCGG
CCCTAAGCCACTCCCGCCACACGCTCACTCCAGTTTCGTATAGAAAAAGCACAGCTCTCACTGGCCAGT
AGCTGCCAAAAAGAACCCCATCGTATAAGGAAATCCAGCCCATAGAAAAACAATCTGCCACCCGACCC
CCTTTCTAAGGATAGCCTTTGTAGGGGTTTTTGGTTCCTTTTTTTTTTTTTCAGTTTTGTTTTTAC
TTTTGTCCCGCAGTACTATGTATTACCAGCCCCACCCACAGATCAGTTTTCTAGTCTTTGGGA
AACGGTTGTGTTTTTTTTCTTTGCGGTGTTGGATTTCCGGTCCCGGCTGACACCTCCCTTCGTGTGT
GCGCCCTCCCAACCCCTGCCTTTGTTTCGGTGCCTGTGTCGCTCTCATGTGGGATGTTTGTGC
TGCAGACAAAAAGAACAAAAAAATTTTTAAATACCACAAGATGAAAAAAAAAAAAAAATTTAA
AAAGATGGAATGTAGTGTTTACATTAAGCCCGCTTTTCATGACCAATCCTATGTCTTTCTATTG
ACTAATACCCAAACCCTAACCTTTCACGGTTTCACTTTTAAGACTTAATCTTTGCTGAAGAAGACCA
GTCACAGCCATTTCAAATAAAGAGGAGGCAAAAAGACAAAACACAAAAAATTAATAAAAAAACTTA
AAAAAAAAAGAAAAAGAAAAAAGCCACGGTCTTTGTAAGCCTTTCTATTCCAATCGGTGAGG
TTTCTGTGATATCTACACACTGCCAGTCTACTTCTGACTAATGGAAAATTCCTGTGTAGCTCAATA
AAAGAGAATGTTGTCTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-Mlul

**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\\_020988.3](#)

**Summary:** The protein encoded by this gene represents the alpha subunit of the Go heterotrimeric G-protein signal-transducing complex. Defects in this gene are a cause of early-onset epileptic encephalopathy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

**Locus ID:** 2775

**MW:** 53.5