

Product datasheet for **SC203813**

GNA11 (NM_002067) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNA11 (NM_002067) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNA11
Synonyms:	FBH; FBH2; FHH2; GNA-11; HHC2; HYPOC2
ACCN:	NM_002067
Insert Size:	2000 bp



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Insert Sequence: >SC203813 3'UTR clone of NM_002067
 The sequence shown below is from the reference sequence of NM_002067. 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
CTCAACCTCAAGGAGTACAACCTGGTCTGAGCGCCAGGCCAGGGAGACGGGATGGAGACACGGGGCA
GGACCTTCTTCCACGGAGCCTGCGGCTGCCGGCGGGTGGCGCTGCCGAGTCCGGGCGGGGCCTCTG
CCCGCGGGAGGAGATTTTTTTTTTTCATATTTTTAAACAAATGGTTTTTATTTACAGTTATCAGGGGAT
GTACATCTCTCCCTCCGTACACTTCGCGCACCTTCTCACCTTTTGTCAACGGCAAAGGCAGCCTTTTTTC
TGGCCTTGACTTATGGCTCGCTTTTTTCTAAAAAAAAAAAAAAAAAGAAAGAAAGAAAAAAAAAGCAACGAA
ACATAAAACACACAAGCGCCCCGTGCCCCAGTACTCTGGGCTCACAGAGCCCCCGCCAGCCAGCAT
GGGGCCCCGCCCTGCAGCAGTACGCGCCCCACACCGCAGCCCCCGTGGCTGTCTTCCAACCCCA
CGTGCTTTTTCTTCTCCTGCCGCTTCTTTTCTCATCAAAAAGGCGTGGAGACTCGGAGACGGACG
TTTTTCCCTTTTTTAAGTTATTGACGCCAGCGCGCTCGCCTTTCACCCATCAACGCTGTGCTTTG
CCCACTGGACTCCTGAAGAGGGGGTGGGGGCTCCCTCGGTGCGCCACCCTGGGAAGTGCCTAACCTTT
TATTTTATTTATTTTTTGGAGAAAAGAACGCCTGACTCACAGGTTGAAGAAACACCTGGGCCCTC
TCTCATGGCCGGGTTCCCGTCCCTCTGCAGAGGCTGGGAAGGGTCCCGGGGCTGGAGCCACGGGGGCT
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CCCCGGTGACACTGGGAGAAAGGCCACTTGGATGGGGCGTTTCTGTTTTGTTCCGCTTTGTGATGTCA
CCAATTTGGAAACAGCGAGGGTGGTGGGACTTTTACAGAATATTCTCAGGTGTGTACCCGAGAGGCA
GAGAGAGGGACGTGGCCGCGAGCTCTGTGCGTGGCCTTGCCCAAGCACTTGCGCCCGCCCCGAGCGC
CGCCCCGGGGAGCGGGAAGCCAGCACTCGCACTTTGGCCAGGGGCGCGTGAAGGTGGTGGCAGGCAC
CGGCTGGGAGCTTCCAGGCCTGGCTGGCCACGACCACGGCCGAGGGGAGCCCGCCAGGCCACGCC
GCACTGAGCCACAGCCCCGGGGCCGCTCCCGGGCCCTTGGGCACTGAGGCACCGAGACTGGTTT
TCCCCGAGAGACTCGGAAGGTGGGGAACGAGGGGACTGTGTTGGGGAGGTGGCTTTTTCGTCTGCTGT
TGACTGAACACTACAGCGCCTGTGTTCCGGCTTTCGACAGCTGTCCAGGGATGGATCGCCTGTGC
TGCCTTCCCGCCGCCACACCGGGACCCTGCACGGCTGCTTCTGGCCTCGACAGATGACAAAAGAAAC
AGCCCCAAAATACGACCACTCAACCCAGCAGTTCCCGCCTGCCTGCCCGCACTGTGAGGCTGCCCTG
GCCTCCTCGTCCGAGGGCTGTCTGCTGCTTCTGGGGCAGAAGAGCGGGGAGCCCGTGAAGGGTC
AGGGGAGACCAGGTGAGGGCAGCTACATTTCTGGTGTATGACCCCATGGGGAGACGGGGTGGCGGGAT
ACCCCCCCCCGGCTTCCCCACACCACTTCTGTCTCACCCGGAAGCGTCTTTTTTTGTGCCAGGTGTC
TACCTAAGAGGGTTGGTGCCAGAAGCCCCCATGGCGAGTGTGGGGCCCGGGTGGCCTGGGGGAGC
AGATGGGGCCACCCTGGCAGGGCCGCTACAACCTTTCCAGCAGCGGAGCCCTTGGGGGGCTGTG
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_002067.5](#)

Summary: The protein encoded by this gene belongs to the family of guanine nucleotide-binding proteins (G proteins), which function as modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes one of the alpha subunits (subunit alpha-11). Mutations in this gene have been associated with hypocalciuric hypercalcemia type II (HHC2) and hypocalcemia dominant 2 (HYPOC2). Patients with HHC2 and HYPOC2 exhibit decreased or increased sensitivity, respectively, to changes in extracellular calcium concentrations. [provided by RefSeq, Dec 2013]

Locus ID: 2767

MW: 71.7