

Product datasheet for **SC216671**

GNB5 (NM_016194) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNB5 (NM_016194) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNB5
Synonyms:	GB5; gbeta5; IDDCA; LADCI
ACCN:	NM_016194
Insert Size:	2000 bp



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Insert Sequence: >SC216671 3'UTR clone of NM_016194
The sequence shown below is from the reference sequence of NM_016194. 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
TGGGATCATACCCTCAGAGTCTGGGCCATAATCATCTTCTGACAGTGCACCTCATGTATACCTGAGAATTT
GAAATCTTCACATGTAATAATAGATATTACTTCTAGAGGAGCTTAGAGTTTATTGCAGTGTAGCTTAGGGG
AGCAACCCATGGCTCACAGGTCCTAAGCGTCTCCAATATGACTATTAATACTGTACCTCTGGAATA
CACTAGTGTGAGCCTCAGCACTGCGAGAATACCTTCAAGTACAGTATTTTTCTTTTGGAACTTTTT
AAAATGTATCTGTTTTAAGTTATTCTAAATTATAGTAGCCTCAACTATTCTGTCACCCAGTAGAATT
CAGCAGTAAATATATTCCATATTATTTCTTGAATCAATTCATTTTCAGAGCACTTAAAGTCTGATAT
TTCTCGATGTGCACTGTGATGCCTGGAACCTTCTCTGGAAGTGTGATTTTATGGACTGAGGACTGGT
GACTGGTCTGTGATAGAAGCAAATTCAAATCCAATGTAATTAGACAAAAATCATTTTTTTAGAATGT
GTTTTTATTGTAAGATATCTTTTTTCAGCTTCTGTTCTATTGTCTTTTTTCAGATACAACATTTTTGT
CTATGGTGAAGTCTGTAATGACGCAGAGAAATGCCTAAAAAGGACAGGTGGTTTGACTCATGGATGA
TGATGATGCACTGTGCCACTTGGACAGGGCGTTTTCTCTGAATTGAAGGAAAGCCAATGGTGTGTTGT
AAACAAATGCTTCTGAGAGCAAAGAAAAGTCTTCTGTGTGGGAACACAAGATAGTAAACTTATTTAAAA
ACCTATTAGTAGAATTAGTGAAACACTTAGGTTAAAGTGAATCTTGTCCATATAAATTATATTCATGG
CCGGGCGCGGTGGCTCACGCTTGAATCCCAGCACTTTGGGAGGCCGAGGCGGGCGGATCACGAGGTCA
GGAGTTCGAGACCACGGTAAACCCTGTCTCTACTAAAAAATACAAAAAATTAGCCGGGCGTGGTGGCG
GGCGCCTGTAGTCCCAGTACTCGGAGAGGCTGAGGCAGGAGAATGGCGTGAACCCGGGAGGTGGAGCT
TGCAGTGAGCCGAGGTCGAGCCACTGCAGCCTGGGTGACAAAGCGAGACTCCGTCTCAAAAAAAAAAAAA
AAATTATATTCATATGTATTGCATTGCAATTATAATTACATATGCAGATTGATTGATAGTCATGAATAA
TAACGTCTGCTCCTTACATAGAAAAACGATATTAAGAAGATCTTCTCTTTATTTGAGACTCAGAA
TTCCTTCTAGAAGAAGGAAGTGTGTTTTGTTATAGGATCCCTTCTTTTCTTTTTTTGTTTTTTGTAA
GATGTAGATGCTTATTCTTTGCTTTAGAAAACCTTCTCACTTAAAAAGATGGCATGCACCTAGGGGAATA
AAAGGTCACTCAGACACCAGGTGTCATCCTGGTGAGGCCTGCCTCGTGGTGGCTGGGGTCTGCCG
GCAGGTTCTGGCTGCACCTGAAGGCTGCGTGCACCTTGTCCCCTGGACAGGTCTCCTTTCTGGCCCTG
CTCCAGCCAGCCCTTCTTAGTGGTAGCTCTGGCTTTCAGGCCAGCTCCAGGCCCTGCTCCTCAG
AGAGACTCTCCAGAGCTGGAGCTGGGCACAGCCATAAGACAGGACTGGACCAGATGCTCCTGTAACA
TCCAGGGGTGTGCCAGGCCACCCTCACAACTGCTTGTTCAGGTATCGTGATGGGCCACTCGGTCCAAA
ATCAGCCAGGCCATCTTTTCCATCATCTCACTTCAAATAAACATAATAATTATATTTGATCATTTGCAG
AGCAGTACTGGTGGTTTTATTGTACACTGGGGTCTGGGGTAGAGAGAGAAAAATGAAGGGCCTCTGCC
TTCCTCCAGGGAGCCAGAGAGAGTGTCTTTTAGTCCCAGTAGATTCCAGTCTGGGCAGGGGCTCAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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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_016194.4](#)

Summary: Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. Alternatively spliced transcript variants encoding different isoforms exist. [provided by RefSeq, Jul 2008]

Locus ID: 10681

MW: 74.6