

Product datasheet for **SC216471**

GNB1 (NM_002074) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNB1 (NM_002074) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNB1
Synonyms:	MDS; MRD42
ACCN:	NM_002074
Insert Size:	1807 bp



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Insert Sequence: >SC216471 3'UTR clone of NM_002074
 The sequence shown below is from the reference sequence of NM_002074. 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
TGGGATAGCTTCCCAAGATCTGGAACTAACGCCAGTAGCATGTGGATGCCATGGAGACTGGAAGACCA
TTCCAAGTTGGACGCGTTACCATGAGAGCATATCTATCCAACCGTACTAACGTGGACACCCTACACCT
CCCCTCAGAACTTCAAAAGGGCAAGATCTTTTTCTTCACTTATTGCTGAAACCAAGAGCACAATTCC
CATTGAGAGAAAGATCTCTGTGCTGTAACATAAAACAATTGTGCATTCTTCCGGGGCCATCGTCTTT
GTTTTCTTTTTGTCTTGAATGAATTTAAAAGGAAATATATAATAAAAAATGTTAACCAGAAGGTAAC
TTGAGTGAATTGTCAGACAGACACACTTTCCACCAGTGTATTTGAATTTAGACCAGTGACCCTGTT
TTGTGGCATTTCATGCAAAACATGCTGAGGGCTTTGTTTCATCTGGTCATCGTGTCCAAATTCAGTCATG
TTTGTAGCAAGATTTTGAAGCATTTCATATTTCTTTTTAAAATGTATTCTTTGTGTTCAACAGTTAA
TCAAAACCAGAGAGTCTAGGGCAGCCTCTCTGATGTTGTCAATGATGTAATTCAGTCCCTGGTTTTTA
ATTTTCTGTCTGATGTCACAGATCATTGTTGCACACAAACGTGGCATAGAAAAGAACATGTTCAGAAGC
CATGGGGCCAAGCACATGCGGGGACGGTCTCAATGCGTGATCAGAGAATCCTTCACCTTGTGAAAA
GTGAGCTCAGATCCAGCACCATGTTCTCTGACCCATCTGTCTATCTTCTCAGTTGAGTTTTAATC
TCATTTGGGTTTCTTGTGAAGTTGGAGGGAAGTTTATAATAGCCTAACACTACCCACCCCACTA
GGAGGAACCTCTGTTTTCAAGAGAGATGCTGTCTGTGCTTGGATAGTCAGTCAATTTTGTGTATG
AAACAATGTACAAATCAATGTTTTGAAAATAATGATCTCAGACTTCTAAGTTAAATTTAAAAATTTT
GATTGTTGCCATATTGGGTGGGTTTACTCTTAGAATCGCATGCTGTAGAAATGCTCAAAAGTGCATAT
GGGACTCAGTCCCTTAGGTGTTCTTTTTCTTTAAGAAAATAACCTCTTACAGTTGTAACCATGCGGCTC
TGCCACTTCTGTTGCTCTGTGGCACATATCGGAAGCAGTACAGCGCGGGCTCTACACGTTGG
GTAGCGGGATAAGTCACTGTTTTCTTTATTTCTTTAAAAAAGTTCTGTTGCAAACGACTGCTG
TTGGATTCTGAGGGTGGGGAGGGAGAGAGAGGGAGGGAGGGAGTGAAGAGCCTGCCCTCTATATGG
ATTCTTCAGGGCCCTCCACATCTGAGGTGGCTCATTCCCATCACACAGATTGCTCTGGTTCATTT
CAAGGCCAGTGTTCAGCAGCAGCGTTTGGAAAGCAGGTTCTGTGGGACCCCGCCCGCCCGCCGAC
TCCTTCATAGCAGCAGTAGTGGCTTCTCCATCCTGTTTTCTGCAACATTCTATACAAAACTGTGCTGTG
ACCTTGCGGTAGGCTGGATCTGGCAAAGAGAATACAAATGAAACCCCTCTTTCTTTCCGTCACAC
AACTCTGTAGAGCTCTCTGCACCCTTACCCTTTCCACCTTTTGTATTTAATTTAAAGTCAAGTACT
GCAAGGAAGCTGGATGCAAGATAGATACTATATTAAGTGTACTGTTATTTAAGATGTAATAAAGCAGT
TTGACATGAGGGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCGC
  
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Restriction Sites: SgfI-RsrII

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_002074.5](#)

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Locus ID: 2782

MW: 69.1