

Product datasheet for **SC204149**

GNB1L (NM_053004) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNB1L (NM_053004) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNB1L
Synonyms:	DGCRK3; FKSG1; GY2; WDR14; WDVCF
ACCN:	NM_053004
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC204149 3'UTR clone of NM_053004
 The sequence shown below is from the reference sequence of NM_053004. 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
AGCCTCTGGTCACTCTACCCACGCGCATGACTCACCCACTCCCTTCCCGGAGACGAGGAGGGCGGGCA
GGGAGGTGGGCATCAGGCCCCAGCCTTGGCCTGAAACCTCAAGGGCCTCTGAGGACCAGCAAGTCATGG
CCCAAGGACCATGGAGTCCCGCTGTCTTCATGAGTTGGTATTTCTTTTGTGGAGTGCCTCATCACA
GGACGGTGACTCTGGGGCCAGCCAGAGCCCTGGCCGTCCGAGGCCTGCAGGAGACGTTGGCTTGGGCC
TGCTGTGTTGCCAGCTGAGGGTATTTTATAATAAATTTCCATTGCCAAGTTGCAGGCTTGAGGTGGGAG
CTCCCTGAGGAGGCCCTGGTCCCCACTTAGCATCAGTGCCTCAGACCCACCAGGCAGGATGCTCA
GCCCCACCCTCACACCTGCTGTTGAATGGGCCACCCGAGTGTGGGTTTCTGGGCCAGGCCCTCAGGAG
ATGATAGGCCCAACCATAGCTGCGTCGATGTCCACATGACCCCTCACCCGAGGAGGCCAGGAGCTCC
CAACACACAGGTTGAGGCCAGGATCAGGATCAGGAAGTAACTGAACTCCCTAAAGAGTGAAGCAGAGAA
AGGTGCCTGTGAGGGACGGCAAGGGGGGCTTGCAGCGCACAGGGCCAGGCCAGATGTGGGATCCGGGAG
GGCACGCCTGCCCGCAGAGGGTGCAGTGGGGAAGGCGCACAGGGTGCACCTCCAGGTGAGTGTGGGCA
GAAGGCACGAGAGCAGCAAGGGAGTGTGACAAGCACCCGCTCACAGTGGCCAAGGCCACAGTCACAGCT
GCGGCTGCACACAGGGTGGCCCCAGGGCACAACAGCAAGAGCAGGACTTAGCAGCCAGAGCCTCAC
ACTGCATGCAGCCGGGCCAGCCTGGCCGGTCTCTCCTCTAAAAGCGGGTGTGATTGGGAAAGAAC
CATGACCCTGAATATTGGAGTGGGGCCCATGGGCAGATCCAGAGAAGCTGGGACCACACACGCCTGTGT
CTGCCCCGATTGCCGGAAGAGCCCCTTAGCTGAAGGCCCGGGGTGGCCTCCCTTGAGGCAGTTGCCCT
GCAAGGCCCTGCCGATGCTCCTTGGGACCCACCTGGGCTTCTAGTCCTAGAAGTACTCGAGTCCA
GCAGACCCCAAGGATGAGATACAGAGGGTGACCCCTGAGAGTGGCACCCAGCCTCCTGCAGGACCACATGG
CATTTCCAGGTTTCCAGGCAGAAATCTGAACATGTGTGGGACGGATCGGAAGGGTGTGGGATCCAGGTG
GCCGGAGCAGGGGTGGATCAGGGGAGTTCGCGAACAGACCTGCCAAACGGAGGGCTGGACTGGGCGCT
GCAGCTTGGGGCCAGGAAGGCTCCAGTCCCGGGTGGGGTGGGGTGGATTACAGCCTGAGGGTGGC
TGCACTGAGTGAAGTGGACATGGCCAGCCGCCGTGGGGTACAGCCGAGGAGGGCTCCAAGGCCGTGGCC
ATGGGGTGTGGATTTGTCAGTGAGACCTGTGCACCCACTGCAGGGGTCCCAAGGCCGTGCCTCCCC
AACCCACTGTGAGGAACATGGTTGCTGGGGGGCCGGAGTCTTGAGGAGTCTGTGACCACACTTCT
CTGTTGGTCCAGAGGTACCATGGGACCGTTCCATCAAACGGGAATGTAGTGTGCCCAGGAAAGCGGC
CCCTGGCCCAAGCTTGGAGACCCTGGCTCGGGTACTGGCTGGCTCCGTTGGACAAGGGTGGCCACC
AGGTGCCCAGGACCTTTGGAGAGGGGGCCCTGTGCTTTTCTCGAGTGTCTATAGCCGCCAGGATG
CGTAGGGCACTCCGGGAGGTATTTTCATATCACTGAGGTGTGAGGAGGGGAAGGGTCTGGGTTTAGG
CTGCAGTGACTGCAGGTGCTGAGGGAGCTGTGCCCTGGGTGCTCATCACAGGCTGTACAGTGAGGGA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCCGACCAAGCGACGCCCAACCTGCCATCA
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_053004.3](#)

Summary:

This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chromosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disorders. Transcripts from this gene share exons with some transcripts from the C22orf29 gene. [provided by RefSeq, Jul 2008]

Locus ID:

54584

MW:

71.3