

## Product datasheet for MC227249

### Gnb1l (NM\_001285493) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gnb1l (NM\_001285493) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gnb1l  
**Synonyms:** ESTM55; Gm16314; Me49f07; OTTMUSG00000033458; Wdr14; Wdvcf  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227249 representing NM\_001285493  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCAGCCCTGTTCCACCACCGCCTGGTCCCAGATTTGTCCTCCGAGGCACACAGTCGGCTGTGAACA  
 CGCTCCATTTCTGCCACCATCCAAGCTGCAGGGAACCACTTCTCTTCTCAGGGTCTCAGAATGGCT  
 AGTACATATCTGGAGCCTACAAACAAGAAGAATAGTTACCACTCTAAATGGCCATGGGGCCAGGGTGTA  
 ATCTGGCTGAAGACACTGCCACAGGGACACCAGCTCCTCAGGGTCGAGACCTGCGGCTGTGCCTGTGGGA  
 CCTGGAGGAGGGCAGGAACCATCATGGACTCAGTTCAGCTGGACAGTGTGGGCTTCTGCAGGGGCTCC  
 ATCCTGGTCAGGGGACAGCAGTGTGGATGCTTGTCTGTGCCAGGGAAGGGCAGCGACGAGAATCAGCCAT  
 CACCCTGTTGGCAGAGTACGGGCACAAGGCGTGGGCAGTGATGAGCAGCCAAAGGGCCGGGACTATGCTC  
 TGATCCAAACACTAAGGGTTCAGATTCTGGAGATGCCATCCAAGACGTCAGTGTGCACCCCTGAAGCCGGA  
 GGCCGATGCCAGGCCAGGCATGCCATGTGCCTGGGGCTGTGGCAGACTAACTCCAGTCTCCGCCCTC  
 CTTCTGGCTGGCTATGAGGATGGATCAGTAACCCTGTGGGACATCTCAGAGCGGAAGGTGTCAGCCAAA  
 TCACTGCCATGAAGAGCCTGTCTGGCCTCGACTTCGACTCTCAGAAGGCCAAGGGCATCTCTGGCTC  
 TGCTGGGAAGGTACTGGCTGTCTGGAGTCTGGACGATCAGCAGTCCCTGCAGGTGAAGAAGACTCATGAA  
 CTCACCAATCCTGGAATTGCCGAAGTCACCATCCGGCCAGACCACAAGATCTTAGCCACAGCAGGCTGGG  
 ACCATCGCATCCGTGTGTTTCACTGGAGGACAATGAAACCCTTAGCTGTTCTGGCTTTCCACAGCGCTCC  
 TGTGTAAGTGCCTTTGCTGCTGATGGCTTGTCTGCTGCGGGGTCCAAGGACCAGCGTATCAGCATC  
 TGGTCACTCTACCCTGCCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001285493



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|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1074 bp   |
| <b>OTI Disclaimer:</b>        | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  |
| <b>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.  |
| <b>Components:</b>            | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001285493.1</a></u> , <u><a href="#">NP_001272422.1</a></u>   |
| <b>RefSeq Size:</b>           | 3660 bp   |
| <b>RefSeq ORF:</b>            | 1074 bp   |
| <b>Locus ID:</b>              | 13972   |
| <b>Cytogenetics:</b>          | 16 11.46 cM   |