

## Product datasheet for **MC227044**

### Gnb1l (NM\_001081682) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gnb1l (NM\_001081682) 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:** >MC227044 representing NM\_001081682  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGCCCTGTTCCACCACCGCCTGGTCCCAGATTTGTCCTCCGAGGCACACAGTCGGCTGTGAACA  
 CGCTCCATTTCTGCCACCATCCAAGCTGCAGGGAACCACTTCTCTTCTCAGGGTCTCAGAATGGCT  
 AGTACATATCTGGAGCCTACAAACAAGAAGAATAGTTACCACTCTAAATGGCCATGGGGCCAGGGTGTA  
 ATCTGGCTGAAGACACTGCCACAGGGACACCAGCTCCTCAGCCAGGGTCGAGACCTGCGGCTGTGCCTGT  
 GGGACCTGGAGGAGGGCAGGAACACCATCATGGACTCAGTTCAGCTGGACAGTGTGGCTTCTGCAGGGG  
 CTCCATCCTGGTCAGGGGACAGCAGTGTGGATGCTTGCTGTGCCAGGGAAGGGCAGCGACGAGGTTGAG  
 ATTCTGGAGATGCCATCCAAGACGTGAGTGTGCACCCTGAAGCCGGAGGCCGATGCCAGGCCAGGCATGC  
 CCATGTGCTGGGGCTGTGGCAGACTAACTCCAGTCTCCGCCCTCCTTCTGGCTGGCTATGAGGATGG  
 ATCAGTAACCCGTGGGACATCTCAGAGCGGAAGGTGTGCAGCCAAATCACCTGCCATGAAGAGCCTGTC  
 ATGGCCCTCGACTTCGACTCTCAGAAGGCCAAGGGCATCTCTGGCTCTGCTGGGAAGGACTGGCTGTCT  
 GGAGTCTGGACGATCAGCAGTCCCTGCAGGTGAAGAAGACTCATGAACCAATCCTGGAATTGCCGA  
 AGTCACCATCCGGCCAGACCACAAGATCTTAGCCACAGCAGGCTGGGACCATCGCATCCGTGTGTTTCAC  
 TGGAGGACAATGAAACCGTTAGCTGTTCTGGCTTTCCACAGCGCTCCTGTGTACTGCGTGGCCTTTGCTG  
 CTGATGGCTTGCTGCTGCGGGGTCCAAGGACCAGCGTATCAGCATCTGGTCACTCTACCCTGCCCATG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001081682



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<b>Insert Size:</b>	981 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_001081682.2</a></u> , <u><a href="#">NP_001075151.1</a></u>
<b>RefSeq Size:</b>	3625 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	13972
<b>UniProt ID:</b>	<u><a href="#">Q9EQ15</a></u>
<b>Cytogenetics:</b>	16 11.46 cM