

## Product datasheet for RN202816

### Wnt10b (NM\_001108111) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Wnt10b (NM\_001108111) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Wnt10b  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN202816 representing NM\_001108111  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGAGGAGCCCCGGTCTCGGCCTCCGCCCTTAGGCCTCGCGGGTCTCCTGTTCTTGCCTTTGTTC  
 GTCGGGCTCTAAGCAATGAGATTCTGGGCCTAAAACCTCCCGGTGAGCCGCCGCTGACGGCAACACCGT  
 GTGCTTGACCTGTCCGGCTTGAGTAAGCGGCAGCTGGGGCTGTGCTGCGCAGCCCCGACGTGACGGCG  
 TCCGCGCTCCAGGGGCTGCACATCGCCGTTACGAGTGTGACAGCCAGCTGCGCGACCCAGCGTGGAACT  
 GCTCGGCACTAGAGGGTGGCGGCCGGCTGCCGCCACACAGCGCCATCCTCAAGCGCGGTTCCGTGAGAG  
 TCGCTTCTCCTTCCATGCTGGCTGCTGGTGTGATGCACGCAGTTGCCACAGCCTGCAGCTTGGGTAAG  
 CTGGTGAGCTGTGGCTGCGGCTGGAAGGGCAGCGGTGAGCAGGACCGGCTTCGGGCCAAGTTGTTGCAGC  
 TTCAGGCACTGTCTAGGGCAAGAGTTTCCCCACTCCCAGCCAGCCCTATTCTGGCTGTGCCCGG  
 TCCTGGCCCCAGGACACGTGGGAATGGGGTGGCTGTAATCACGACATGGACTTTGGAGAGAAGTTCTCT  
 CGGGATTTCTGGATTCCAGGGAAGCTCCCCGGGACATCCAGGCGAGAATGCGGATCCACAACAACAGGG  
 TGGGGCGCCAGGTGTAACCGAAAACCTGAAGCGGAAGTGAAAATGCCATGGCACATCAGGACGCTGCCA  
 ATCAAGACCTGTTGGAGGGCAGCCCCAGAGTTCCGGGCCATCGGGCAGCACTGAGGGAGCGGTTGGGC  
 AGAGCCATCTTCATCGATACCCATAACCGCAATCTGGAGTTTTCCAGCCCCGCCTACGTCCGCGTGTCT  
 TCTCAGGGGAGCTGGTTTACTTTGAGAAGTCTCCTGACTTCTGTGAGCGAGACCCGCTTTGGGCTCCCC  
 AGGCACGAGAGGCGGGCTTGAACAAGACCAGCCGCTATTGGATGGCTGTGGTAGCCTGTGCTGTGGC  
 CGTGGGCAACAACGTGCTCCGGCAGACGCGAGTGGAGCGCTGCCACTGTGCTTTCCACTGGTGTGTACG  
 TGCTGTGTGATGAGTGTAAAGTCACAGAGTGGGTCAACGTGTGTAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1597\\_h06.zip](https://cdn.origene.com/chromatograms/ja1597_h06.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001108111
<b>Insert Size:</b>	1170 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>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>NM_001108111.1, NP_001101581.1</u>
<b>RefSeq Size:</b>	2234 bp
<b>RefSeq ORF:</b>	1170 bp
<b>Locus ID:</b>	315294
<b>Cytogenetics:</b>	7q36