

## Product datasheet for **RR216544**

### Wnt2b (NM\_001191848) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Wnt2b (NM\_001191848) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Wnt2b  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216544 representing NM\_001191848  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGCTGAAGCCGCGGGGTGAGGACGAAGCCGCGCAGCTCGCCCCTCGGCGTGCCCGGTCCC  
CGTTAAGACCCGCGCCCCGACGTGTCCCCAGCTTCTGCCCGTCTGGTCTTGCCTGTCTGCTGCTGCT  
GCTGCTTCTGACTCTGCCGGCCCGTGTAGACACGTCCTGGTGGTACATAGGGGCACTGGGAGCCGAGTG  
ATCTGTGACAACATCCCGGGTCTGGTGAGCCGGCAGCGGCACTGTGTCAGCGCTACCCAGACATCATGC  
GCTCAGTAGGAGAAGGTGCCCGGAATGGATCCGAGAGTGTCAACACCAGTTCGGTCATCACCGCTGGAA  
TTGCACCACACTGGACCGGGACCACACTGTCTTTGGCCGTGCTATGCTCAGAAGCAGTCGGGAGGCAGCG  
TTTGTCTATGCTATCTCATCAGCAGGAGTGGTCCATGCTATCACTCGGGCCTGCAGCCAGGGTGAGCTGA  
GTGTGTGCAGCTGTGACCCATATACCCGTGGTCCGACCATGATCAACGAGGGGACTTTGACTGGGGTGG  
CTGTAGTGACAACATCCACTATGGTGTCCGCTTTGCCAAGGCTTTTGTGGATGCCAAGAGAAGAGGCTT  
AAGGATGCCCGGCCCTCATGAACTTACATAACAACCGCTGCGGTGCGACGGCTGTACGGCGATTTCTGA  
AGCTGGAGTGCAAGTGTGATGGTGTGAGTGGCTCCTGTACCCTGCGCACCTGCTGGAGGGCACTCTCAGA  
CTTCCGCCGTACCGGTGACTACCTGAGGAGGCGATATGATGGGGCTGTGCAGGTGACAGCCACACAGGAT  
GGGGCCAACTTCACAGCAGCCCGCAAGGCTATCGCCATGCCACCCGGACTGATCTTGTCTACTTTGACA  
ACTCCCCTGACTACTGTGTCTTGGACAAGGCTGCAGGTTCCCTAGGTACCGCAGGCCGCGTCTGCAGCAA  
GACTTCTAAAGGAACAGATGGGTGTGAAATCATGTGTTGCGGCCGAGGATATGACACAACCTCGGGTCACC  
CGGGTCACCCAGTGTGAGTGCAAATCCACTGGTGTGCTGTGCTGTGCGGTGCAAGGAGTGCAGAAACACTG  
TGGATGTCCACACGTGCAAGGCCCTAAGAAGGCAGAGTGGCTGGACCAGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>ORF Size:</b>	1173 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001191848.1</a> , <a href="#">NP_001178777.1</a>
<b>RefSeq Size:</b>	1774 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	116466
<b>Cytogenetics:</b>	2q34
<b>MW:</b>	43.9 kDa
<b>Gene Summary:</b>	may be involved in ovarian tumorigenesis [RGD, Feb 2006]