

Product datasheet for **RN216544**

Wnt2b (NM_001191848) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt2b (NM_001191848) Rat Untagged Clone
Tag: Tag Free
Symbol: Wnt2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216544 representing NM_001191848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAAGCCGCGGGGTGAGGACGAAGCCGCGCAGCTCGCCCTCGGCGTGCCCGGTCCCGGTGCGCCG
 CGTTAAGACCCGCGCCCCGACGTGTCCCGAGCTTCTGCCCGTCTGGGTCTTGCTGTCTGTCTGTCTGTCT
 GCTGCTTCTGACTCTGCCGGCCCGTGTAGACACGTCCTGGTGGTACATAGGGGCACTGGGAGCCCGAGTG
 ATCTGTGACAACATCCCGGGTCTGGTGAGCCGGCAGCGGCACTGTGTCAGCGCTACCCAGACATCATGC
 GCTCAGTAGGAGAAGGTGCCCGGAATGGATCCGAGAGTGTCAACACCAGTTCGGTCATCACCGCTGGAA
 TTGCACCACACTGGACCGGGACCACACTGTCTTTGGCCGTGCTATGCTCAGAAGCAGTCGGGAGGCAGCG
 TTTGTCTATGCTATCTCATCAGCAGGAGTGGTCCATGCTATCACTCGGGCCTGCAGCCAGGGTGAGCTGA
 GTGTGTGAGCTGTGACCCATATACCCGTGGTCCGACCATGATCAACGAGGGGACTTTGACTGGGGTGG
 CTGTAGTGACAACATCCACTATGGTGTCCGCTTTGCCAAGGCTTTTGGGATGCCAAGAGAAGAGGCTT
 AAGGATGCCCGGCCCTCATGAACCTACATAACAACCGCTGCGGTGCGACGGCTGTACGGCGATTTCTGA
 AGCTGGAGTGCAAGTGTGATGGTGTGAGTGGCTCCTGTACCCTGCGCACCTGCTGGAGGGCACTCTCAGA
 CTCCCGCGTACCGGTGACTACCTGAGGAGGCGATATGATGGGGCTGTGCAGGTGACAGCCACACAGGAT
 GGGGCCAACTTCACAGCAGCCCGCAAGGCTATCGCCATGCCACCCGGACTGATCTTGTCTACTTTGACA
 ACTCCCCTGACTACTGTGTCTTGGAACAAGGCTGCAGGTTCCCTAGGTACCGCAGGCCCGCTCTGCAGCAA
 GACTTCTAAAGGAACAGATGGGTGTGAAATCATGTGTTGCGGCCGAGGATATGACACAACCTCGGGTCACC
 CGGGTACCCAGTGTGAGTGCAAATCCACTGGTGTGCTGTGCTGTGCGGTGCAAGGAGTGCAGAAACACTG
 TGGATGTCCACACGTGCAAGGCCCTAAGAAGGCAGAGTGGTGGACCAGACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191848



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Insert Size:	1176 bp
OTI Disclaimer:	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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001191848.1, NP_001178777.1</u>
RefSeq Size:	1774 bp
RefSeq ORF:	1176 bp
Locus ID:	116466
Cytogenetics:	2q34
Gene Summary:	may be involved in ovarian tumorigenesis [RGD, Feb 2006]