

Product datasheet for **RN204691**

Wnt5b (NM_001100489) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt5b (NM_001100489) Rat Untagged Clone
Tag: Tag Free
Symbol: Wnt5b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204691 representing NM_001100489
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTTGGTCCCTGGGCACTGGGATGGGTTGAGGCCGCCATGCCAGCCTGCTGCTGCTGTTCTGTGGCAG
CTCTGCTCTCCAGCTGGGCACAGCTGCTGACTGACGCCAACTCCTGGTGGTCGCTGGCTCTGAACCCGGT
GCAGAGACCCGAGATGTTTCATCATTGGCGCTCAGCCCGTGTGCAGCCAACTCCCGGGCTTTCGCCAGGC
CAGCGAAAGCTGTGTAGTTGTATCAGGAGCACATGTCCTACATCGGGGAGGGAGCCAAGACGGGCATCA
GGGAGTGCCAGCACAGTTTCGACAGAGCGGTGGAACCTGCAGCACCGTGGACAACCTGTCTGTCTTTGG
CAGGGTATGCAGATAGGTAGCCGAGAGACTGCCTTACATATGCGGTGAGCGCTGCTGGTGTGGTGAAT
GCCATCAGCCGAGCCTGCAGAGAGGGTGAAGTGTCCACCTGTGGCTGCAGCCGTGCAGCGAGGCCAAGG
ACCTGCCACGAGACTGGTTGTGGGCGGCTGTGGGACAACGTGGAGTATGGCTACCGCTTTGCCAAGGA
GTTTGTGGATGCCGAGAGCGTGAGAAGAACTTTGCCAAGGGATCAGAGGAGCAGGGCCGAGCCCTCATG
AACTTACAGAACAACGAGGCTGGCCGCCGGCCGTGTATAAGATGGCTGATGTCTCCTGCAAATGTCACG
GAGTCTCCGGTCTGCAGCCTCAAGACCTGCTGGCTCCAGCTGGCTGAGTTCGCAAGGTGGGGACCG
TTTGAAAGAGAAGTATGACAGCGCTGCGGCCATGCGTATCACCCGTACGGCAAGCTGGAAGTACCAAC
AGCCGCTTCAACCAGCCAGCCCGGAGGACCTGGTCTACGTAGACCCAGCCCTGACTACTGCTGCGAA
ATGAGACCACGGGCTCCCTGGGCACCAAGGTCGCCTCTGCAACAAGACCTCAGAGGGCAGCGATGGCTG
CGAGCTCATGTGCTGTGGCCGCGGCTATGACCGCTTCAAGAGCGTCCAGGTGGAACGCTGCCACTGCAGG
TTCCACTGGTGTGCTTTGTGATGCAAAAAATGCACCGAGATCGTGGACCAAGTATGTCTGTAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100489
Insert Size: 1119 bp



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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).
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_001100489.1</u> , <u>NP_001093959.1</u>
RefSeq Size:	2122 bp
RefSeq ORF:	1119 bp
Locus ID:	282582
Cytogenetics:	4q42
Gene Summary:	mouse homolog regulates chondrocyte differentiation and proliferation in skeletal development [RGD, Feb 2006]