

## Product datasheet for **SC303299**

### WNT9B (NM\_003396) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** WNT9B (NM\_003396) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** WNT9B  
**Synonyms:** WNT14B; WNT15  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_003396 edited  
TCGCCATGCGCCCCCGCCGCGCTGGCCCTGGCCGGGCTCTGCCTGCTGGCGCTGCCCC  
CGCCGCGCCTCTACTTCGGCCTGACCGGGCGGGAAGTCTGACGCCCTTCCCAGGAT  
TGGGCACTGCGGAGCCCGGCACAGGGCGGGGCCACCTGAAGCAGTGTGACCTGCTGA  
AGCTGTCCCGGGCAGAAAGCAGCTCTGCCGGAGGGAGCCCGGCCTGGCTGAGACCTGA  
GGGATGCTGCGCACCTCGGCCTGCTTGTGAGTGCCAGTTTCAGTTCCGGCATGAGCGCTGGA  
ACTGTAGCCTGGAGGGCAGGACGGGCTGCTCAAGAGAGGCTTCAAAGAGACAGCTTTCC  
TGTACGCGGTGTCTCTGCCGCCCTCACCCACACCCTGGCCCGGGCTGCAGCGCTGGGC  
GCATGGAGCGCTGCACCTGTGATGACTCTCCGGGGCTGGAGAGCCGGCAGGCCTGGCAGT  
GGGGCGTGTGCGGTGACAACCTCAAGTACAGCACCAAGTTTCTGAGCAACTTCTGGGGT  
CCAAGAGAGGAAACAAGGACCTGCGGGCAGGGCAGACGCCACAATACCCACGTGGGCA  
TCAAGGCTGTGAAGAGTGGCCTCAGGACCAGTGTAAAGTCCATGGCGTATCAGGCTCCT  
GTGCCGTGCGCACCTGTGGAAGCAGCTCTCCCGTTCCGTGAGACGGGCCAGGTGCTGA  
AACTGCGTATGACTCGGCTGTCAAGGTGTCCAGTGCCACCAATGAGGCCTTGGGCGGCC  
TAGAGCTGTGGGCCCCTGCCAGGCAGGGCAGCCTCACCAAGGCCTGGCCCCAAGGTCTG  
GGGACCTGGTGTACATGGAGGACTCACCCAGCTTCTGCCGGCCAGCAAGTACTCACCTG  
GCACAGCAGGTAGGGTGTCTCCCGGGAGGCCAGCTGCAGCAGCCTGTGCTGCGGGCGGG  
GCTATGACACCCAGAGCCGCCTGGTGGCCTTCTCCTGCCACTGCCAGGTGCAGTGGTGTCT  
GCTACGTGGAGTGCCAGCAATGTGTGCAGGAGGAGCTTGTGTACACCTGCAAGCACTAGT  
CTAGA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_003396  
**Insert Size:** 1100 bp



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<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>	The open reading frame of this clone has been fully sequenced and found one SNP within the protein associated with this reference, NM_003396.1.
<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_003396.1</a> , <a href="#">NP_003387.1</a>
<b>RefSeq Size:</b>	1464 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	7484
<b>UniProt ID:</b>	<a href="#">O14905</a>
<b>Cytogenetics:</b>	17q21.32
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway
<b>Gene Summary:</b>	<p>The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>