

## Product datasheet for MC211987

### Wnt16 (NM\_053116) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wnt16 (NM_053116) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wnt16
Synonyms:	E130309I19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211987 representing NM_053116 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACAGAGCGGCGCTCCTGGCCCTGCCAGCTTGTGTGCGCTGTGGCAGCCGTGCTGTCGCTGCTCC  
CCTGCGGAACCCAGGGCAACTGGATGTGGTTGGGCATCGCCTCTTTCGGGGTACCGGAGAAGCTGGGCTG  
CGCCGACTTGCCGCTGAACAGCCGCCAGAAGGAGCTGTGCAAGAGGAAACCGTACCTGCTGCCTAGCATC  
CGCGAGGGCGCCAGGCTGGCATTTCAGGAGTGCAGAAGCCAGTTCGACACGAGAGGTGAACTGTATGG  
TCGCCACTACCACTCCACCCAGCTCGCCACAGCCCCCTCTTTGGCTATGAGCTGAGTAGCGGCACCAA  
GGAGACAGCATTCAATTTATGCCATCATGGCAGCGGCCCTGGTGCCTCTGTCAACAGGTCATGCAGTGCA  
GGCAACATGACCGAATGTTCTGTGACACCACCTTGCAGAATGGTGGCTACCAAGTGAAGGCTGGCACT  
GGGGAGGATGCTCGGATGATGTCCAGTACGGCATGTGGTTCAGCAGAAAGTTTCTAGATCTTCCCATCAG  
AAACACCACAGGAAAAGAAAGCAGAGTCTGCTAGCCATGAATCTACACAACAACGAAGCGGGCGGCAG  
GCTGTCGCCAAGTTAATGTCTGTGGACTGCCGCTGCCACGGAGTTTCCGGCTCCTGTGCTGTGAAAACCT  
GCTGGAAAATATGTCTTCTTTTAAAAGATTGGGCATTTTTAAAGGATAAATATGAAAACAGCATCCA  
GATCTCAGACAAAACCAAGAGGAAAAATGCGCAGGAGAGAAAAAGACCAGAGGCAGACCCCATCTCAAG  
GATGACTTGTGTACGTTTCATAAGTCTCCCAACTACTGCGTGGAGAACAAGAACTGGGGATTCTGGGA  
CCAGGGCAGAGAGTGAACCGGACATCAGGAGGCGCAGATGGCTGTAACCTCCTCTGCTGTGGCCGAGG  
CTACAACCCATGTAGTCAGGCACGTGGAGAGGTGTGAGTGTAAAGTTTATCTGGTGTGCTACGTCGCG  
TGCAGGAGGTGTGAAAGTATGACCGATGTCCACACGTGTAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_053116
<b>Insert Size:</b>	1095 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
<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="#">BC115925</a> , <a href="#">AAI15926</a>
<b>RefSeq Size:</b>	1434 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	93735
<b>UniProt ID:</b>	<a href="#">Q9QYS1</a>
<b>Cytogenetics:</b>	6 A3.1
<b>Gene Summary:</b>	<p>Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity). [UniProtKB/Swiss-Prot Function]</p>