

Product datasheet for **MC227236**

Wnt11 (NM_001285792) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt11 (NM_001285792) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wnt11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227236 representing NM_001285792
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGGCGGGCCGAGGTCTGCGAGGCTCTGCTCTTTGCTTGGCGCTCCACACCGGCGTGTGCTATG
 GCATCAAGTGGCTGGCACTGTCCAAGACTCCGGCAGCCTTGGCACTGAATCAGACGCAACACTGTAACA
 GCTGGAGGGCTGGTGTCTGCGCAGGTGCAGCTCTGCCGAGCAACCTGGAGCTCATGCGCACCATCGTG
 CACGCCGCCCGGGGGCCATGAAGGCCTGCCGTAGGGCCTTCGCTGACATGCGCTGGAACCTGCTCCTCCA
 TCGAGCTCGCCCCAACTACCTGCTTGACCTGGAGAGAGGTACACGGGAGTCAGCCTTCGTGTATGCCCT
 GTCGGCCGCCACCATCAGTCACACCATCGCCGGGCTGCACCTCTGGGACCTGCCCGGCTGCTCCTGC
 GGCCCCGTCCCAGGTGAGCCACCCGGGCCCGGAAACCGCTGGGGAGGATGTGCGGACAACCTCAGCTACG
 GGCTCCTCATGGGGCCAAGTTTTCCGATGCTCCTATGAAGGTGAAAAAACAGGATCCCAAGCCAATAA
 ACTGATGCGTCTACACAACAGTGAAGTGGGGAGACAGGCTCTACGTGCCTCCCTGGAAACGAAGTGTAA
 TGCCATGGGGTGTCTGGCTCCTGCTCCATCCGCACCTGTTGGAAGGGCTGCAAGAGCTCCAGGACGTGG
 CTGCTGACCTCAAGACCCGCTACCTGTGACCCACGAAGTGGTACACCGGCTATGGGCACCCGCAACA
 CTTGGTGCCAAAGGACCTGGATATCCGGCCTGTGAAGGACTCAGAACTTGTGTATCTACAGAGCTCCCT
 GACTTCTGCATGAAGAATGAGAAGTGGATCCCATGGGACCCAAGACAGGACGTGCAACAGACTTCCA
 ACGGCAGTGACAGCTGCGACCTCATGTGCTGTGGGCGGGCTACAACCCCTACACGGACAGAGTGGTGA
 GCGATGTCACTGCAAGTACCCTGGTGTGCTACGTACCTGCCGAGGTGTGAGCGCACGGTGGAGCGC
 TACGTCTGCAAGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001285792
Insert Size: 1065 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).
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_001285792.1, NP_001272721.1</u>
RefSeq Size:	3022 bp
RefSeq ORF:	1065 bp
Locus ID:	22411
UniProt ID:	<u>P48615</u>
Cytogenetics:	7 53.9 cM
Gene Summary:	<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.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Variants 1 and 2 both encode the same isoform (a).</p>