

Product datasheet for **MC226147**

Wnt11 (NM_001285795) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt11 (NM_001285795) 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: >MC226147 representing NM_001285795
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCTGTGGCCGCCACCATCAGTCACACCATCGCCCGGCCTGCACCTCTGGCGACCTGCCCGGCTG
CTCCTGCGGCCCGTCCCAGGCTCTACGTGCCTCCCTGAAACGAAGTGTAAATGCCATGGGGTGTCTGG
CTCCTGCTCCATCCGACCTGTTGGAAGGGCTGCAAGAGCTCCAGGACGTGGCTGACTCAAGACC
CGCTACCTGTGAGCCACGAAGGTGTACACCGGCCTATGGGCACCCGCAAACTTGGTGCCCAAGGACC
TGGATATCCGGCCTGTGAAGGACTCAGAAGTGTGTATCTACAGAGCTCCCTGACTTCTGCATGAAGAA
TGAGAAGGTGGGATCCCATGGGACCCAAGACAGGCAAGTGTCAACGAGACTTCCAACGGCAGTGACAGCTGC
GACCTCATGTGCTGTGGGCGGGCTACAACCCCTACACGGACAGAGTGGTGGAGCGATGTCACTGCAAGT
ACCACTGGTGCTGCTACGTACCTGCCGAGGTGTGAGCGCACGGTGGAGCGCTACGTCTGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001285795
Insert Size: 558 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.



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| 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_001285795.1, NP_001272724.1</u> |
| RefSeq Size: | 2624 bp |
| RefSeq ORF: | 558 bp |
| Locus ID: | 22411 |
| 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 (4) differs in the 5' UTR and uses an alternate splice junction compared to variant 1. The resulting isoform (c) has a shorter and distinct N-terminus compared to isoform 1.</p> |