

Product datasheet for MR228358

Wnt11 (NM_001285795) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt11 (NM_001285795) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Wnt11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228358 representing NM_001285795
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGCCCTGTGGCCGCCACCATCAGTCACACCATCGCCCGGCCTGCACCTCTGGCGACCTGCCCGGCTG
CTCCTGCGGCCCGTCCCAGGCTCTACGTGCCTCCCTGGAAACGAAGTAAATGCCATGGGGTGTCTGG
CTCCTGCTCCATCCGACCTGTTGGAAGGGCTGCAAGAGCTCCAGGACGTGGCTGACTCAAGACC
CGCTACCTGTGAGCCACGAAGGTGTACACCGGCCTATGGGCACCCGCAAACTTGGTGCCCAAGGACC
TGGATATCCGGCCTGTGAAGGACTCAGAAGTGTGTATCTACAGAGCTCCCTGACTTCTGCATGAAGAA
TGAGAAGGTGGGATCCCATGGGACCCAAGACAGGCAAGTCAACAAGACTTCCAACGGCAGTGACAGCTGC
GACCTCATGTGCTGTGGGCGGGCTACAACCCCTACACGGACAGAGTGGTGGAGCGATGTCACTGCAAGT
ACCACTGGTGCTGCTACGTACCTGCCGAGGTGTGAGCGCACGGTGGAGCGCTACGTCTGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228358 representing NM_001285795
Red=Cloning site Green=Tags(s)

MPCRPPSVTPSPGPAPLATCPAAPAAPSQALRASLETCKCHGVSGSCSIRTCWKGLQELQDVAADLKT
RYLSATKVVHRPMGTRKHLVPKDLDIRPVKDESELVYLQSSPDFCMKNEKVGSHGTQDRQCNTSNGSDSC
DLMCCGRGYNPYTDRVVERCHCKYHWCCYVTCRRCERTVERYVCK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

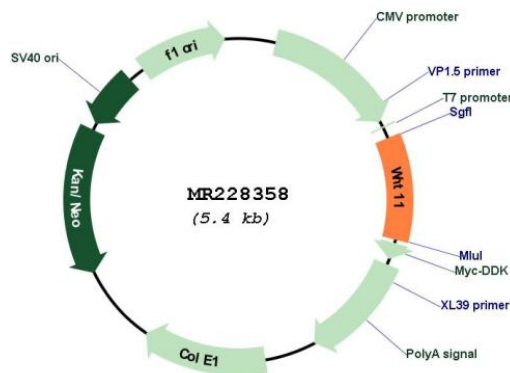


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001285795

ORF Size: 555 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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
MW:	21 kDa
Gene Summary:	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]