

Product datasheet for **RR210259**

Wnt6 (NM_001108226) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wnt6 (NM_001108226) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wnt6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR210259 representing NM_001108226 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCCCGGTGCCCTCTGCCTCGGACTGCTGCTGCTGCTCTTGTGCCCTGCCACGTCGGTG
GACTGTGGTGGGCGTGGGCAGCCCCCTGGTCATGGATCCTACCAGCATCTGCAGGAAGGCCAGGAGCT
GGCAGGAAGGCAGGCTGAGCTGTGCCAGCGGAGCCGGAAGTAGTGGCAGAGCTTGCCCGGGCGCAAGA
CTGGGGGTTTCGAGAATGTCAGTTCAGTTCAGTTCGTTCCGACGCTGGAAGTCCAGTCCAGTCCAGCAAGGCCT
TTGGGCGCGTCTGCAGCAGGACATTCGAGAGACAGCTTTTGTGTTTGAATTACCGCTGCGGGTGCCAG
TCACGCGGTCACTCAGGCCTGTTCCATGGGAGAGCTCCTACAGTGTGGTGTGAGCACCCTCGGGGCGC
GCACCGCCTAGGCCCTCCGGCCTTCTGGGCACTCCTGGACCTCCGGGACCAACTGGCTCTCCAGATGCCA
GCGCAGCCTGGGAGTGGGAGGCTGCGGAGATGATGTCGACTTTGGGGATGAGAAGTCAAGACTCTTTAT
GGATGCACAGCACAAGCGGGGACGTGGAGATATCCGTGCTTTGGTGAAGTGCATAACAACGAGGCAGGC
AGACTGGCGGTGCGGAGCCACACGCGCACCGAGTGAAGTCCATGGGCTTTCGGGTTCTGTGCTCTGC
GCACCTGTGGCAGAAGCTGCCACCGTTCGCGAGGTGGGCGCACGGCTGCTGGAGCGCTCCACGCGGC
CTCACGGTTCATGGGCACCAACGACGGCAAGCTCTGTTGCTGCGGTCCGCACCCTCAAGCCTCCCGGC
CGAGCCGATCTCCTCTACGCAGCCGATTACCCGACTTCTGCGCCCCAACCGGCGCACCGGTTACCGG
GCACGCGCGGCCGCGCCTGCAACAGCAGTGCACCGGACCTTAGCGGCTGCGACCTGTTGTGCTGCGGTG
CGGACACCGCCAGGAGAGCGTACAGCTCGAGGAGAAGTGCCTGTGCCGCTCCACTGGTGTGCGTGGTG
CAATGCCACCGCTGCCGCGTGCCCAAGGAGCTCAGCCTGTGCCTC

CAAGCTTAACTAGCTAGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATC
TGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTAAAC



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Protein Sequence: >RR210259 representing NM_001108226
Red=Cloning site Green=Tags(s)

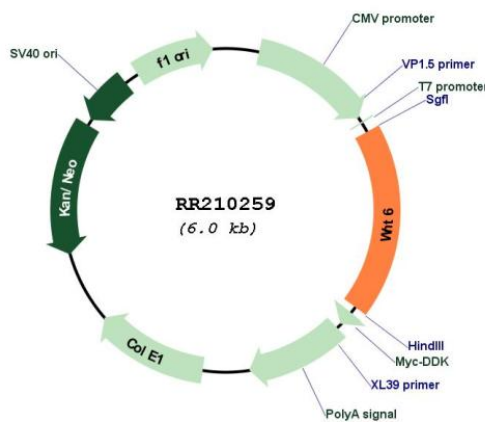
MLPPVPSCGLLLLLLLCPAHVGGGLWWAVGSPLVMDPTICRKARRLAGRQAEPCQAEPEVVAELARGAR
 LGVRECQFQFRFRWNCSSHSKAFGRVLQQDIRETAFVFAITAAGASHAVTQACSMGELLQCGCQAPRGR
 APPRPSGLLGTGPPPGPTGSPDASAAWEGCGDDVDFGDEKSRLFMDAQHKRGRGDIRALVQLHNNEAG
 RLAVRSHTRTECKCHGLSGSCALRTCWQKLPFREVGARLLERFHGASRVMTNDGKALLPAVRTLKPPG
 RADLLYAADSPDFCAPNRRRTGSPGTRGRACNSSAPDLSGCDLLCCGRGHRQESVQLEENCLCRFWCCVY
 QCHRCRVRKELSLCL

NNNNEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-HindIII

Cloning Scheme: □

Plasmid Map:



ACCN: NM_001108226

ORF Size: 1095 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:

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: [NM_001108226.1](#), [NP_001101696.1](#)

RefSeq Size: 2063 bp

RefSeq ORF: 1098 bp

Locus ID: 316526

Cytogenetics: 9q33

MW: 39.7 kDa