

Product datasheet for RN202721

Wnt4 (NM_053402) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wnt4 (NM_053402) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wnt4
Synonyms:	MGC112773
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202721 representing NM_053402 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCCCCGTTTCGTGCCTGCGGTGCTGCGACTCCTCGTCTTCGCCGTGTTCTCGGCCCGCGGAGCA
ACTGGCTGTACCTGGCCAAGCTGTCATCGTGGGCAGCATCTCCAAGAGGAAACGTGCGAGAAGCTCAA
AGGCCTGATCCAGAGGCAGGTGCAGATGTGCAAACGGAACCTCGAGGTGATGGACTCAGTGCGCCATGGC
GCCCAGCTGGCCATTGAGGAGTGCCAATACCAGTTCGGAACCGGCGCTGGAACGTTCACACTGGACT
CCCTGCCTGTCTTCGGGAAGGTGGTGACACAAGGACCCGGGAGGCGGCCTTTGTATACGCCATCTCTTC
AGCAGGTGTGGCCTTTCAGTGACAAGAGCATGCAGCAGTGGAGATCTGGAGAAGTGTGGCTGTGACCGG
ACAGTACACGGGGTCAGCCACAGGGTTTCCAGTGGTCAGGATGCTCGGACAACATCGCCTATGGCGTAG
CCTTCTCACAGTCCTTTGTAGACGTCCGAGAGAGAAGCAAGGGGGCCTCCTCCAGCCGGGCACTCATGAA
CCTTCACAACAACGAGGCTGGCAGGAAGGCCATCTGACACACATGCGGGTGGAGTGAAGTGCATGGG
GTGTGAGGCTCCTGTGAGGTAAGACATGCTGGCAGCGGTACCGCCCTTCGTCAGTTGGCCACGCAC
TAAAGGAGAAGTTTGACGGCCACCGGAGGTGGAGCCACGGCGGTAGGCTCCTCCCGGCACTGGTACC
GGAAACGCGCAGTTCAAGCCACATACGGATGAGGACCTGGTGTACCTGGAGCCAAGTCCAGACTTCTGT
GAGCAGGACATGCGCAGCGGCTGCTAGGCACGAGGGCCGCACTTGCAACAAGACGTCTAAGGCCATTG
ACGGCTGCGAGCTACTGTGCTGTGGCCGCGCTTCCACACAGCGCACGTGGAGCTGGCAGAGCGCTGCGG
CTGCAGGTTCCACTGGTGTGCTTCGTCAAGTCCCGGCGTGCACGCGGCTCGTGGAGATGCACACGTGC
CGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053402



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Insert Size:	1056 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).
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_053402.2, NP_445854.1</u>
RefSeq Size:	1211 bp
RefSeq ORF:	1056 bp
Locus ID:	84426
UniProt ID:	<u>Q9QXQ5</u>
Cytogenetics:	5q36
Gene Summary:	increased renal mRNA and protein levels are detected in an experimental model of renal failure; may play a role in response to renal injury [RGD, Feb 2006]