

## Product datasheet for **RN217683**

### Wnk3 (NM\_001163607) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Wnk3 (NM\_001163607) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Wnk3  
**Synonyms:** RGD1563131  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217683 representing NM\_001163607  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCACTGATTCTGGGGAGCCAGCTAGCACAGAAGATTCTGAGAAGCCTGATGGAGTTTCCTTTCAA  
 GCAGGGTTGCCCGGGCTGTTGCACCTCTGACTGTAGAAGCTAGAATAAAGGAAAAATACAGTACCTTTTC  
 TGCTTCTGGGAAACCATTGAAAGAAAGAGATTTTCCGAAAGAGTGTTGAGATGACAGAAGATGACAAA  
 GTTGCCCAATCTCCCGCAGAGATGAAAGAAAAGTTGCAACAAATATTTCAAGAGTAGAAAAAGTTCCTA  
 CAAATGTGCTAAGAGGTGGGCAAGAAGTAAATATGAGCAGTGTTCAAAGGCAACCTCAGAAATCCTCAA  
 AGATTGCTTCAAGGAGAAAAGTAAAAGGAAATGGAAGAAGAAGCAGAAATGAAGGCTGTCGCAACGTCC  
 CCTAGTGGCAGGTTTCTAAAATTTGATATAGAGCTGGGAAGAGGCGCTTTTAAAACAGTATATAAAGGAT  
 TGGACTGAAACATGGGTTGAAGTTGCTTGGTGTGAGCTACAGGACCGCAAATTAATAAGCTGAGCA  
 GCAACGGTTCAAAGAAGAAGCTGAGATGTTGAAAGGCCTCCAGCATCCCAATATAGTTTCGATTTTACGAT  
 TCATGGGAGTCCATATTGAAAGGAAAGAAATGTATTGTTTTAGTACTGAACTAATGACATCAGGAACCT  
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 TGTAGATGTTTATGCTTTGGGATGTGTATGTTGGAAATGGCTACTTCGGAGTATCCATATTCTGAGTGC  
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 ACCCTGAAGTGAAGAAATAATTGAAGGATGTATTAGACAAAACAAATCTGAAAGTTATCGATCAAGGA  
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GGAATGTAATCCTCAGCAGCAGACTGCAACTTTACGACCTGCTCCTGGTCCACACAATGCGGCTGAGTG  
TGAAGAAACAGAAGTTGATCAACATGTTTCGACAGCAGCTTGACAAGGCAAAGCAGCAGCAGCCCTCC  
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CCACTGTAGCCTATTCTTCAAACCAGGCAACTAGTTCTCAGGAGCAGCCAAAGCTGACTCGGTCTCCAGT  
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TGTCCTCCGACCAGAGAAGGGGACTAAATTCAGCTTACTGTCCTTCAGGTCTCAGTCTCTGGGGACAACA  
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TTGTAACGTCACTACTTGTATCTTCTGATCAAAAGCCTCAATCCTTATCAGTACAGCAGCCAACATAGA  
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CAGTGACACAGTTGATCGAAGTGGAACCTGCCATACCCACTCATAAAGCTTCAGTTTCTTCAAAAAAGT  
ACGAACCTTTTATGAAACCTTTAAAGAAGATAAAGGAGACCTGAACAAGGTGACATCTTATCTTTGAGC  
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TACTAATGAATTTTACGCCACTCCTGCTGGCAGTGGAAAGTCACTTCTACTCTCCATCTTCTCCAATGAGCAGT  
CAGCATTTACCAGCCCGTCTCAAACACAGAGTTCACCTTCTACTCTCCATCTTCTCCAATGAGCAGTG  
ACAATGAATCAGAAATCGAGGATGAGGACTTGAAGCGGAGCTTCAAAGATTACGGGAAAAACACATTCA  
AGAGGTGGTCACTTCAAACACAGCAGAATAAAGAGCTACAGGAGCTCTATGAACGCTTCGAGCAACT  
AAAGACAGCAAAGCGCAATCTTCAAGAGTTCCCATGCCACCTGCATCACCACGCAGGCCAAGATCCTTCA  
AAAGCAAACCTCGAAGCCGCCCCAGTCTTGCACATTCGGACAATCTCGTTGTTGTAAGAGATGTGCA  
GCGTGCGGAGAGTAATACTGCGCCACGCCAGCAATCGCCAGCCAGTAAGAAGGGGATGTTACAGATGAT  
TTACACAAGCTGGTGGATGACTGGACAAGAGAAAACAGTAGGAAATTTTCTAGCAAGCCAAGTTAAACC  
AACTCAAACAGAGCCAACAAAAATCAGAGGCAGAAAACCTGGAACAAGTTGCATGAAAGCACTCCATCTAC  
TGTGGGATACACATCAACCTGGATTTCTTCTCTCTCCAAATTCGCGGAGCTGCCCGTCTTCTTGCCA  
CATGGACTCCCCTCCCTTCAATTCCTGGGCCATTAGCGTCTATGGAATGCCTCATGCTTGTGAGTACA  
ATCCCGTAGGCGCCGCAAGCTATCCAGTACAGTGGGTTGGGATTTCCGGGAGCAGCAGCAATCCGTAGT  
GCTTCTACCCAACTGCGGGGACTCTTCCAGCCTGGGATGAATCTGCAGTCAATTCAGCTCCACCAGTG  
CAGAACCACCTTCAATCCCTCTGGTCCCAAA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001163607
<b>Insert Size:</b>	5076 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001163607.1, NP_001157079.1</u>
<b>RefSeq Size:</b>	5076 bp
<b>RefSeq ORF:</b>	5076 bp
<b>Locus ID:</b>	317420
<b>Cytogenetics:</b>	Xq12