

## Product datasheet for **RR216455**

### Wisp3 (NM\_001170483) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Wisp3 (NM\_001170483) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Wisp3  
 Synonyms: RGD1564120  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR216455 representing NM\_001170483  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCACAGACTTCTCTTTTGCCTCTGCTCATGACTGGGCTGACACAGCTCTGCTGTAGGGCGCAGGGCA  
 GTGTGCCACCGGGTGCACCCCTGGAGGACAGCCTGGAGCAGCGTTGGAAGTGTATCAGCGTAAAGAGGT  
 CTGCCACTGGCCCTGCAGATGCCCCCTCAGGTGCCACTTGTCTCCTGGGGTGAGCTTGGTGAGGGAT  
 GGCTGTGGATGCTGCAAAATCTGTGCCAAGCAACCAGGAGACATCTGTAACGAAGCCGAGAGCTGTGACC  
 CACACAAAGGCCTGTACTGTGACTACTCACGGACAAGCCTAGGTACGAGACAGGCGTGTGTGCATATCT  
 TGTGGCAGTTGGATGTGAGTTCAACGGAGTCCATTATCAGAATGGCCAAGTATTTTCAGCCCCACCCGCTG  
 TTCAGCTGCCTCTGTGTGAGTGGGGCAATTGGATGCACACCCCTCTTCAGACCCAAGCTGGCTGGCAGTA  
 ATTGTTCTCAGCTAGAGGAGGAAGGAAGATCGATCCACCGACTGTGGCCAGGGATCTCCGCAGCAGGG  
 GCGCTCAGCGGGCTACAGAACAATGCCAGCTTACAGGAATCTCCACCTACTTGAAGAAAAATGTCTC  
 GTGCAAGCAACAAGGTGGACTCCCTGCTCCAGGACGTGCGGGATGGGATTTCTAACCGGTGACCAATG  
 ACAACAGCAACTGTGAAATGAGGAACGAGAAGAGGCTGTGCTACATTAGCCCTGCGGCAGGAAGCCATG  
 GAAGGCAGGGAAGATCCCCAGAGGAGAAACATGCCAACCCACTTTCCAACCTCCCCAAAGCTGAAAAGTTT  
 GTTTTCTCTGGATGCTCAAGTGCTCAGACTTACAGGCCCACTTTCTGTGGATCTGCCTGGATAAGAGAT  
 GCTGCGTCCCCAACAAAGTCTACAATGATTACCGTACAGTTCGACTGCCCGGCGAGGGGTCGTTTAAAGTG  
 GCAGATGCTGTGGTCCATCTTGTGTGTGCAGAGGGACTGCGGAGAACCAGGAGACATATTTTCTGAG  
 CTCAGGATCCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216455 representing NM\_001170483  
 Red=Cloning site Green=Tags(s)

MHRLLFCTLLMTGLTQLCCRAQGSVPPGATPGGQPGAALVYQRKEVCHWPCRCPPQVPTCPPGVSLVRD  
 GCGCKICAKQPGDICNEAESCDPHKGLYCDYSRDKPRYETGVCAYLAVAGCEFNGVHYQNGOVFQPHPL  
 FSCLCVSGAIGCTPLFRPKLAGSNCSARGGRKIDPPDCGQSPQQGRSAGYRTMPAYRNLPTWKKKCL  
 VQATRWTPCSRCTCGMGISNRVTNDNSNCEMRNEKRLCYIQPCGRKPKWAGKIPRGETCQPTFQLPKAEKF  
 VFSGSSAQTYRPTFCGICLDRCCVPNKSTMITVRFDCPGEFSFKWQMLWWTSCVCQRDCGEPGDI FSE  
 LRIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

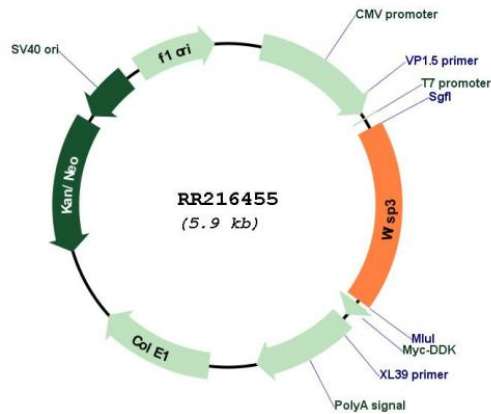
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001170483

<b>ORF Size:</b>	1062 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001170483.1</a> , <a href="#">NP_001163954.1</a>
<b>RefSeq Size:</b>	2509 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	499461
<b>Cytogenetics:</b>	20q12
<b>MW:</b>	38.9 kDa