

## Product datasheet for **RR201105**

### Wipi1 (NM\_001127297) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wipi1 (NM_001127297) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wipi1
Synonyms:	RGD1307754
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR201105 representing NM\_001127297  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGGCCGAAGCTGCAGATGCCCTCCGGGCCGAGTGGAGCGCGCTCAGCTGCTTCTTTCAACC  
 AAGACTGCACATCCCTAGCGATTGGAACCAAGACTGGTTACAAGCTGTTTTCTCTGAGTTCTGTGGAGCA  
 ACTTGACCAAGTCCATGGAAGCAATGAAATCCCGACGTGATATTGTGGAGCGCTCTTCTCCAGCAGC  
 CTGTTGTGGTGGTCAAGTACACAAAACCTCGGCAGATGAACGTCTACCACTTCAAGAAAGGCACCGAGA  
 TCTGTAATTACTGCTACTCCAGTAACATTTTGTCTATTCCGGTGAACCGACAGAGACTGCTGGTCTGCCT  
 GGAAGAATCCATCTATATCCACAATATTAAGGACATGAAGCTATTGAAGACCTCCTGGATATCCCTTCA  
 AACCCGACAGGTCTCTGTGCCCTTCAATCAACCATTCCAACCTTACCTGGCCTACCCCGAAGCCAGA  
 GTACAGGGCAGATTGACTCTATGACGGAACTCCCTGAAAATGGTGTGCACCATTGCTGCCACGAGGG  
 AACCTGGCCGCATCACCTTCAACTCCTCCGGCTCAAACCTAGCAAGTGCCTGTAAGAAAGGCACCGTC  
 ATCCGAGTGTCTCTGTGCCCGAAGGGCAGAACTCTATGAGTTCGGTCCGAGGAATGAAAAGGTATGTGA  
 CAATCAGCTCTCTGGTGTTCAGTATGGACTCCCAGTTCCTGTGTGCCCTCCAGCAACACGGAGACCGTGCA  
 CATCTTCAAGTTGGAACAGCTGACCGACAGCCGCCAGAAGAGCCTTCCACCTGGAGCGGTACATGGGA  
 AAGATGCTCACGGCGCTACCAACTACCTCCCGCCAGGTGTCCGACATGATGAACCAGGACAGGGCCT  
 TCGCCACAGGACGCTGAACCTTCTGGGCAGAAGAATTTGCACCCTGTCCACGATCCAGAACTGCC  
 GCGGTCTAGTAGCCTCCTCCGATGGACCTCTACATCTACAATTTGGACCCTCAGGATGGAGGAGAA  
 TCGCTCTAATCAAACCCACAGCTTGTGAGCTCAGGAACAGCAGAAGAGAACAAGAAACGACCTCA  
 GACCTTCTTACCTCCGTCGTATGCTGCAACTGTAGCCAGACCCAGCGCATCCACAGCTCCACCGTGCC  
 AGGGTACTCTGAGGACGGTGGGGCGCTCCGTGGAGAAGTATTCCAGAACACGAGTTTGCAACGGGCCCA  
 GTGTGCTTGACGATGAGAATGAGTTCCTCCCTATAATCTTGTGCCGTGGAAGTCAGAAGGGCAAAACGA  
 AGCAGTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR201105 representing NM\_001127297  
 Red=Cloning site Green=Tags(s)

MEAEAADAPPGRVEAALSCFSFNQDCTSLAIGTKTGYKLFSLSSVEQLDQVHGSNEIPDVYIVERLFSS  
 LVVVVSHTKPRQMNVYHFKKGTEICNYCYSSNILSIRLNQRLLVCLLEESYIHNKMDKLLKTLDDIPS  
 NPTGLCAL SINHSNSYLAYPGSQSTGEIVLYDGNLSKVMCTIAAHEGLAAITFNSSGSKLASASEKGTV  
 IRVFSVPEGQKLYEFRGMKRYVTISSLVFSMDSQFLCASSNTETVHIFKLEQLTDSRPEEPSTWSGYMG  
 KMLTAATNYLPAQVSDMMNQDRAFATGRLNFSGQKNICTLSTIQKLPRLLVASSDGHLYIYNLDPQDGE  
 CVLIKTHSLSSGTAENKENDLRPSLPPSYAATVARPSASTASTVPGYSEDGGALRGEVPEHEFATGP  
 VCLDDENEFPPIILCRGSQKGTKQS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

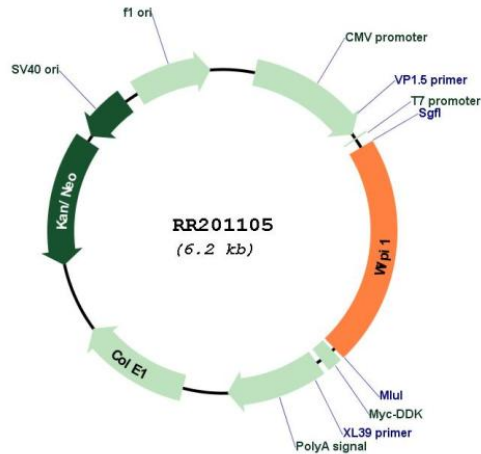
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001127297

ORF Size: 1338 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\\_001127297.1](#), [NP\\_001120769.1](#)

**RefSeq Size:** 1909 bp

**RefSeq ORF:** 1341 bp

**Locus ID:** 303630

**Cytogenetics:** 10q32.1

**MW:** 48.7 kDa