

## Product datasheet for **RN201105**

### **Wipi1 (NM\_001127297) Rat Untagged Clone**

#### **Product data:**

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



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**Fully Sequenced ORF:** >RN201105 representing NM\_001127297  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCCGAAGCTGCAGATGCCCTCCGGGCCGAGTGGAGGCCGCGCTCAGCTGCTTCTTTCAACC  
 AAGACTGCACATCCCTAGCGATTGGAACCAAGACTGGTTACAAGCTGTTTTCTCTGAGTTCTGTGGAGCA  
 ACTTGACCAAGTCCATGGAAGCAATGAAATCCCCGACGTGATATTGTGGAGCGCTCTTCTCCAGCAGC  
 CTGTTGTGGTGGTCAAGTACACAAAACCTCGGCAGATGAACGTCTACCCTTCAAGAAAGGCACCGAGA  
 TCTGTAATTACTGCTACTCCAGTAACATTTTGTCTATTCCGGTGAACCGACAGAGACTGCTGGTCTGCCT  
 GGAAGAATCCATCTATATCCACAATATTAAGGACATGAAGCTATTGAAGACCTCCTGGATATCCCTTCA  
 AACCCGACAGGTCTCTGTGCCCTTCAATCAACCATTCCAACCTTACCTGGCCTACCCCGAAGCCAGA  
 GTACAGGGCAGATTGACTCTATGACGGAACTCCCTGAAAATGGTGTGCACCATTGCTGCCACGAGGG  
 AACCTGGCCGCATCACCTTCAACTCCTCCGGTCCAACTAGCAAGTGCCTGTAAGAAAGGCACCGCTC  
 ATCCGAGTGTTCTCTGTGCCCGAAGGGCAGAACTCTATGAGTTCGGTCCGAGGAATGAAAAGGTATGTGA  
 CAATCAGCTCTCTGGTGTTCAGTATGGACTCCCAGTTCCTGTGTGCCTCCAGCAACACGGAGACCGTGCA  
 CATCTTCAAGTTGGAACAGCTGACCGACAGCCGCCAGAAGAGCCTTCCACCTGGAGCGGTACATGGGA  
 AAGATGCTCACGGCGGTACCAACTACCTCCCGCCAGGTGTCCGACATGATGAACCAGGACAGGGCCT  
 TCGCCACAGGACGCTGAACCTTCTGGGCAGAAGAATTTGCACCCTGTCCACGATCCAGAACTGCC  
 GCGGTCTAGTAGCCTCCTCCGATGGACCTCTACATCTACAATTTGGACCCTCAGGATGGAGGAGAA  
 TCGCTCTTAATCAAACCCACAGCTTGTGAGCTCAGGAACAGCAGAAGAGAACAAGAAAACGACCTCA  
 GACCTTCTTACCTCCGTCGTATGCTGCAACTGTAGCCAGACCCAGCGCATCCACAGCTCCACCGTGCC  
 AGGGTACTCTGAGGACGGTGGGGCGCTCCGTGGAGAAGTGATTCCAGAACACGAGTTTGCAACGGGCCCA  
 GTGTGCTTGACGATGAGAATGAGTTCCTCCCTATAATCTTGTGCCGTGGAAGTCAGAAGGGCAAACGA  
 AGCAGTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001127297

**Insert Size:** 1341 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:**

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