

Product datasheet for **RN201985**

Stip1 (NM_138911) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stip1 (NM_138911) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201985 representing NM_138911
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCAGGTGAATGAGCTAAGGAGAAGGGCAATAAGGCCCTGAGTGTGGGAACATTGATGATGCCT
 TACAGTGTACTCTGAGGCAATTAAGTACATCCTCAGAACCATGTGCTCTATAGCAATCGCTCTGCAGC
 CTATGCCAAGAAAAGGAGACTACCAGAAGCGTATGAGGACGGTTGCAAGACTGTTGACCTGAAGCCTGAC
 TGGGGCAAGGGTTATTCAAGAAAAGCAGCAGCCCTTGAGTTCTAAACCGGTTTGAAGAAGCCAAACGAA
 CCTATGAAGAAGGTTTAAACATGAAGCCAATAATCTACAGCTTAAGGAAGGCTTGACAGACATGGAGGC
 CAGGTTGGCAGAGAGAAATTTAATGAATCCTTTCAACTGCTAATCTGTACCAGAAGTTAGAGAATGAT
 CCCAGGACAAGGACTGCTCAGTGACCCACCTACAGGAACTCATAGAGCAACTACAGAACAAGCCTT
 CAGACCTGGGCACGAACTCCAAGATCCCCGGTTCATGACTACTCTCAGTGTCTCTTGGAGTTGATCT
 GGGCAGTATGGATGAAGAGGAAGAGGCAGCAACACCCCACTCCACCCCTCTAAAAAGGAGGCCAAG
 CCAGAACCAATGGAAGAAGATCTTCAGAGAATAAGAAACAGGCTCTGAAAGAAAAGGAGCTGGGAAATG
 ATGCCTACAAGAAGAAAGATTTTGACAAGGCCCTGAAGCATTATGACAAGGCCAAGGAGCTGGACCCCTAC
 CAATATGACTTACATAACTAATCAAGCAGCTGTGCACTTTGAGAAGGGCGACTACAACAAATGCCGGGAG
 CTCTGTGAGAAGGCCATTGAAGTAGGCAGAGAGAACCGAGAGGACTACCGTCAGATCGCCAAAGCTTATG
 CTCGAATTGGCAATTCCTATTTCAAAGAAGAAAGGTACAAGGATGCTATCCATTTCTACAACAAGTCTCT
 GGCAGAGCACCGAACCCAGATGTGCTCAAGAAGTGCCAGCAGGCAGAGAAAATTCTGAAGGAACAAGAG
 CGACTGGCTTATATCAACCTGATTTGGCTTTGGAGGAAAAGAATAAGGGCAATGAGTGTTCAGAAAAG
 GGGACTACCCCAAGCCATGAAGCACTATACAGAAGCCATTAAGGAACCCAAGAGATGCCAAACTATA
 CAGCAACCGAGCCGCTGCTACACCAAGCTCCTGGAGTTTCAGCTGGCACTCAAGGACTGTGAAGAGTGC
 ATCCAGCTAGAGCCAACCTTCATCAAGGTTATACACGAAAGCAGCTGCCCTGGAAGCCATGAAGGACT
 ATACAAAAGCCATGGATGTGTACCAGAAGCATTAGACCTGGACTCCAGCTGTAAGGAAGCAGCAGATGG
 TTACCAACGCTGTATGATGGCACAGTACAACAGACATGATAGCCCTGAGGATGTGAAACGGCGGGCCATG
 GCTGACCTGAGGTACAGCAGATAATGAGTGACCCAGCCATGAGGCTCATCTGGAGCAGATGCAAAAGG
 ACCCCCAAGCTCTGAGCGAACACTTAAGAATCCTGTAATAGCACAGAAGATCCAGAAGCTGATGGATGT
 GGGTCTGATCGCAATTCGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_138911
- Insert Size:** 1632 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_138911.3](#), [NP_620266.1](#)

RefSeq Size: 2123 bp

RefSeq ORF: 1632 bp

Locus ID: 192277

UniProt ID: [O35814](#)

Cytogenetics: 1q43

Gene Summary: cooperates with other chaperone cofactors to modulate chaperone activity [RGD, Feb 2006]