OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RR201985

Stip1 (NM_138911) Rat Tagged ORF Clone

Product data:

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

View online »

ORF Nucleotide Sequence:

>RR201985 representing NM_138911
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCAGGTGAATGAGCTAAAGGAGAAGGGCAATAAGGCCCTGAGTGCTGGGAACATTGATGATGCCT
TACAGTGCTACTCTGAGGCAATTAAACTAGATCCTCAGAACCATGTGCTCTATAGCAATCGCTCTGCAGC
CTATGCCAAGAAAGGAGACTACCAGAAGGCGTATGAGGACGGTTGCAAGACTGTTGACCTGAAGCCTGAC
TGGGGCAAGGGTTATTCAAGAAAAGCAGCAGCCCTTGAGTTCCTAAACCGGTTTGAAGAAGCCAAACGAA
CCTATGAAGAAGGTTTAAAACATGAAGCCAATAATCTACAGCTTAAGGAAGGCTTGCAGAACATGGAGGC
CAGGTTGGCAGAGAGGAAATTTATGAATCCTTTCAACTTGCCTAATCTGTACCAGAAGTTAGAGAATGAT
CCCAGGACAAGGACACTGCTCAGTGACCCCACCTACAGGGAACTCATAGAGCAACTACAGAACAAGCCTT
CAGACCTGGGCACGAAACTCCAAGATCCCCGGGTCATGACTACTCTCAGTGTCCTCCTTGGAGTTGATCT
GGGCAGTATGGATGAAGAGGAAGAGGCAGCAACACCCCCACCTCCACCCCCTCCTAAAAAGGAGGCCAAG
CCAGAACCAATGGAAGAAGATCTTCCAGAGAATAAGAAACAGGCTCTGAAAGAAAAGGAGCTGGGAAATG
ATGCCTACAAGAAGAAAGATTTTGACAAGGCCCTGAAGCATTATGACAAGGCCAAGGAGCTGGACCCTAC
CAATATGACTTACATAACTAATCAAGCAGCTGTGCACTTTGAGAAGGGCGACTACAACAAATGCCGGGAG
CTCTGTGAGAAGGCCATTGAAGTAGGCAGAGAGAACCGAGAGGACTACCGTCAGATCGCCAAAGCTTATG
CTCGAATTGGCAATTCCTATTTCAAAGAAGAAAGGTACAAGGATGCTATCCATTTCTACAACAAGTCTCT
GGCAGAGCACCGAACCCCAGATGTGCTCAAGAAGTGCCAGCAGGCAGAGAAAATTCTGAAGGAACAAGAG
CGACTGGCTTATATCAACCCTGATTTGGCTTTGGAGGAAAAGAATAAGGGCAATGAGTGCTTCCAGAAAG
GGGACTACCCCCAGGCCATGAAGCACTATACAGAAGCCATTAAAAGGAACCCAAGAGATGCCAAACTATA
CAGCAACCGAGCCGCCTGCTACACCAAGCTCCTGGAGTTTCAGCTGGCACTCAAGGACTGTGAAGAGTGC
ATCCAGCTAGAGCCAACCTTCATCAAGGGTTATACACGGAAAGCAGCTGCCCTGGAAGCCATGAAGGACT
ATACAAAAGCCATGGATGTGTACCAGAAGGCATTAGACCTGGACTCCAGCTGTAAGGAAGCAGCAGATGG
TTACCAACGCTGTATGATGGCACAGTACAACAGACATGATAGCCCTGAGGATGTGAAACGGCGGGCCATG
GCTGACCCTGAGGTACAGCAGATAATGAGTGACCCAGCCATGAGGCTCATCCTGGAGCAGATGCAAAAGG
ACCCCCAAGCTCTGAGCGAACACTTAAAGAATCCTGTAATAGCACAGAAGATCCAGAAGCTGATGGATGT
GGGTCTGATCGCAATTCGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

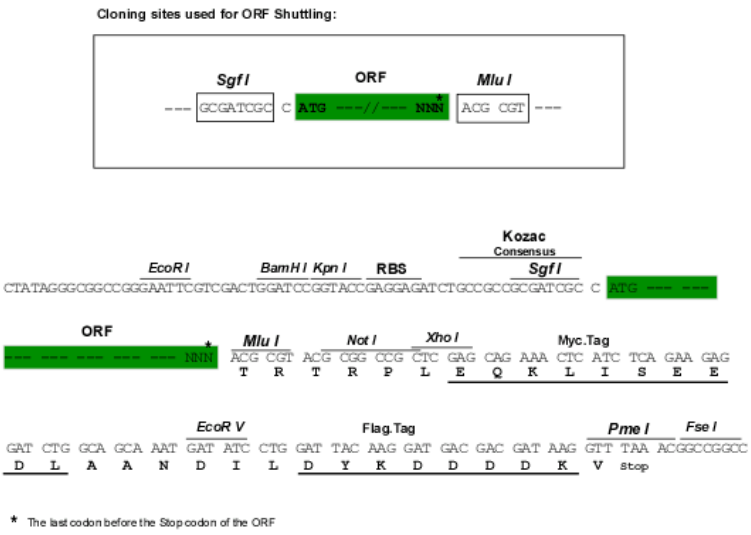
>RR201985 representing NM_138911
Red=Cloning site Green=Tags(s)

MEQVNELKEKGNKALSAGNIDDALQCYSEAIKLDPQNHVLYSNRSAAYAKKGDYQKAYEDGCKTVDLKPD
WGKGYSRKAAALEFLNRFEEAKRTYEEGLKHEANNLQLKEGLQNMEARLAERKFMNPFNLPNLYQKLEND
PRTRTLLSDPTYRELIEQLQNKPSDLGTKLQDPRVMTTLSVLLGVDLGSMDEEEEAATPPPPPPPKKEAK
PEPMEEDLPENKKQALKEKELGNDAYKKKDFDKALKHYDKAKELDPTNMTYITNQAAVHFEKGDYNKCRE
LCEKAIEVGRENREDYRQIAKAYARIGNSYFKEERYKDAIHFYNKSLAEHRTPDVLKKCQQAEKILKEQE
RLAYINPDLALEEKNKGNECFQKGDYPQAMKHYTEAIKRNPRDAKLYSNRAACYTKLLEFQLALKDCEEC
IQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKALDLDSSCKEAADGYQRCMMAQYNRHDSPEDVKRRAM
ADPEVQQIMSDPAMRLILEQMQKDPQALSEHLKNPVIAQKIQKLMDVGLIAIR

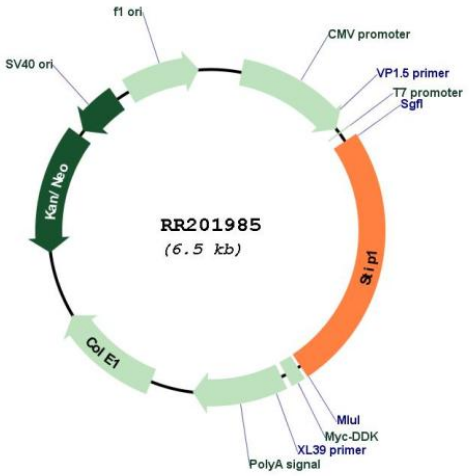
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_138911
ORF Size:	1629 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_138911.3, NP_620266.1
RefSeq Size:	2123 bp
RefSeq ORF:	1632 bp
Locus ID:	192277
UniProt ID:	O35814
Cytogenetics:	1q43
MW:	62.6 kDa
Gene Summary:	cooperates with other chaperone cofactors to modulate chaperone activity [RGD, Feb 2006]