

## Product datasheet for RR213325

### Setsip (NM\_194353) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Setsip (NM\_194353) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Setsip  
**Synonyms:** RGD727855; Set; Setl1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR213325 representing NM\_194353  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCCCGAAGCGGCAATCTGCGATCCCGCTCAGCCCAAGAAACCCAGACCCATTGCTGCCCCGAAGT  
 TGGAGGACAAGTTGGCCTCTCCAGCCTGCCGAAGGGAGAAAAAGAACAGCAAGAACTATTGACCATAT  
 TGATGAAGTACAAAATGAAATGGACAGACTTAATGAACAACCCAGTGAGGAAATTTGAAAGTAGAACAA  
 AAATATAACAGACTCTGCCAACCATTTTTTTTTTTCAGAAGAGGTCAGAATTGATCGCCAAAATCCCAATT  
 TTTGGGTAAACAATTTGTCAACCATCCACAAGTGTCTGCACCGGTGGGAGGAAGACGAGGAGGCCCT  
 GCATTATTTGACCAGAGTTGAAGGGACAGAATTTGGAGACATTAATCAGGTTACAGAATAGATTTTTAT  
 TTTGATGAGAATCCTTACTTTGAAAATAAAGTTCTCTCCAAGAATTTTCATCTGAATGAGAGCGGTGACC  
 CGTCTTCAAAGTCCACCGAAATCAAATGGAAATCTGGGAAGGATTTGACAAAATGCTCAAGTCAAACGCC  
 GAATAAGGCCAGCAGGAAGAGGCAGCGTGAAAAGCCAGAGAGTTCCTTTCCCTGGTTTACTGACCGTTCT  
 GACGCAGGTGCTGACGAGTTAGGAGAGGTCGTC AAGGATAATATTTGGCCAAACCCCTTGCGGTCTATT  
 TGGTCCCAGATATGGGTGATGAAGGAGAGGCAGAGGATGATGATGATGACGACGACAAGAAGAACCCT  
 GGAAGATATTGATGAAGGAGACAGGGATGAAGGTGAAGAAGATGACGATGAGGAGGAAGGGGAGGAAGGA  
 GGACGAAGGCGAGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR213325 representing NM\_194353  
Red=Cloning site Green=Tags(s)

MAPKRQSAIPPQPKPRPIAAPKLEDKLASPSLPKGEKEQQETIDHIDEVQNEMDRLNEQPSEEILKVEQ  
 KYNRLCQPFQKRSELIAKIPNFVWTTFNHNPQVSAPRGEDEEALHYLTRVEGTEFGDIKSGYRIDFY  
 FDENPYFENKVLSEFHLNESGDPSSKSTEIKWKSGLTKCSSQTPNKASRKRQREKPESSFPWFDRS  
 DAGADELGEVVKDNIWPNPLRSYLVPDMGDEGEAEDDDDDDEEEPLEDIDEGDRDEGEEDDDEEEGEG  
 GRRRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_194353

**ORF Size:** 855 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\\_194353.1](#), [NP\\_919334.1](#)

**RefSeq Size:** 858 bp

**RefSeq ORF:** 858 bp

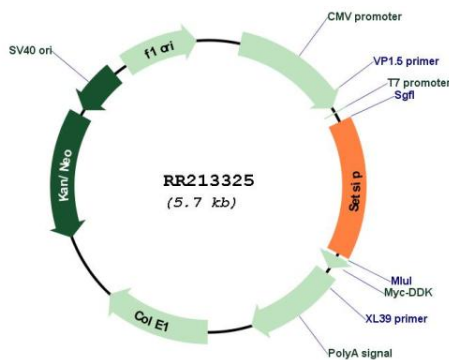
**Locus ID:** 290432

**Cytogenetics:** 15q21

**MW:** 32.8 kDa

**Gene Summary:** protein phosphatase regulator protein; human homolog appears to be involved in histone acetylation [RGD, Feb 2006]

**Product images:**



Circular map for RR213325