

## Product datasheet for **RR211340**

### Rasip1 (NM\_001106261) Rat Tagged ORF Clone

#### Product data:

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                        |
| Product Name:      | Rasip1 (NM_001106261) Rat Tagged ORF Clone |
| Tag:               | Myc-DDK                                    |
| Symbol:            | Rasip1                                     |
| Vector:            | pCMV6-Entry (PS100001)                     |
| E. coli Selection: | Kanamycin (25 ug/mL)                       |
| Cell Selection:    | Neomycin                                   |



[View online »](#)

**ORF Nucleotide Sequence:**

>RR211340 representing NM\_001106261  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCCAGGGCGGCTGATGCTCAGATGGTGCCAACGGACCCTGGAGACTTTGACCAGTTGACTCAGT  
 GCCTATTTCAGGCACCCAGCAACCGTCCTTACTTCCTTCTGCTCCAGGGCTACCAGGATGCTCAGGACTT  
 CGTGGTGTATGTGATGACACGAGAGCAGCACGTGTTCCGGCCGAGGTGGGCCCTCGTCGTCGCCGCGGGA  
 TCCCTGCCCATATGTGGACACCTTCTCAACGCCCCAGACATCCTGCCTCGACATTGCACGGTGCAGC  
 CGGGTCTGAGCCCCAGCTATGGTGCGCCATCCCGGGCGCCCGGTACACACAATGGCTGCCTTTT  
 GCTGCGCAGGCAGATTGCATCCCGGAGACTGCTAGGCCTGGGAGAGCATTCTCTGTTTATGTATAAG  
 GACCCCGCGCCGGGGCTCTGGTCCCGCTCGGCCACCCTGGCTGCCTGCGCGCCCGGGCCGCGCCAC  
 CGGGTCCGGGCTGGCCCTTTCTTGTGCTGTGTGGCCGTGGCCTGCAGGAGCGCGCGAGGACTGGC  
 TGCTACCTGGACGGCCGAGCCGGTGTGCGCTTTAGACCACGAGAGGAAGAGGCGCTGTTGGGAGAG  
 ATCGTGCCGCTGCAGCCTCGGGCGCAGGAGACTGCCACCCTCGGGCCCGCCACTCTGCTGGCACTGT  
 GTGTGCAGCATTGCGCGAGGGAGCTAGAGCTGGGCCACCTGCCTCGCTTGTGGGCCGCTGGCCCGGT  
 CATCAAAGAGGCCGTTTGGGAAAAAATTAAGAAATTGGAGACCGCCAGCCAGAGAACCACCCAGAGGGA  
 GTTCTGAGGTGCCTCTGACCCAGAGGCTGTGTCTGTGGAGCTGAGACCCTCATACTGTGGATGGCCA  
 ATACCACAGACTTCTGAGCTTTGTTTCCAGGAGAAAGTGTAGAGATGGAGAAAGAGGCTGACCAGGAGGG  
 CCTGTCTCCGACCTCAGCTCTGCAATGATTTGGAATTGTGTGACGAGGCCCTGGCCCTCTGGATGAG  
 GTCATCATGTGTACCTTCCAGCAGTCCGTCTACTACCTACCAAGACTCTCTATTCGACACTGCCAGCTC  
 TCCTGGACAGTAACCCCTTCACTGCCGGGCGAGATTGCCGGGCCCTGGTGCAGAGCTGGAGCCATGCC  
 ACCTGGACTCAGGCCTACCTGGGTGTGTTCCAGGCAGCTCTAGAAGTACCAGTCAAGTGTGAGCTGCAT  
 CCCGACCTCGTGTCCAGACTTTTGGTACTTGTCTTCTTCTCAATGCATCCCTTCTCAACTCGCTGA  
 TGGAACGAGGTCAAGGCCGACCTTTCTATCAGTGGTCTCGAGCCGTCCAAATCAGAACCAACTTGGATCT  
 CGTTTTGGATTGGCTGCAGGGGGCCGGGCTGGGTGACATTGCCACTGAGTTCTTCCGGAAGCTCTCCATT  
 GCCGTGAACCTGCTGTGTGTACCCGTAACCTCCCTGCTCAAGGCTTCATGGAGCAGCTTACGGACTGACT  
 ACCCCACCTTGAATCCTGCTCAACTCCACCATCTCCTCAGCCACTACCAGTTGGGCTCTGGCCGCGGACC  
 ACCACCAGCTTGGGACCCACCACCTGCAGAGCGAGATGCTGTGGACACAGGGGATATCTTTGAAAGTTTT  
 TCCTCGCATCCTCTCATCCTACCCCTGGGTAGCTCACGCCTGCGCCTCACGGGCCAGTGACAGATG  
 ATGCATTACACCGAGAAGTACGCAGGCTCCGTCGCTCCTCTGGGATCTTGAGCAGCAGGAGCTGCCAGC  
 CAATCATCGCCATGGACCGCGGTGGTGGCACACCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR211340 representing NM\_001106261  
 Red=Cloning site Green=Tags(s)

MAPGAADAQMVPDTPGDFDQLTQCLIQAPSNRPYFLLQGYQDAQDFVYVMTREQHVFRGGPSSSRGG  
 SPAPYVDTFLNAPDILPRHCTVRAGPEPPAMVRPSRGAPVTHNGCLLLREAEHPGDLLGLGEHFLFMYK  
 DPRAGGSGPARPPWLPARPGAAPPGPWFSCRLCGRGLQERGEALAAAYLDGREPVLRFPRPEEEALLGE  
 IVRAAASGAGDLPLGPATLLALCVQHSARELELGHLPRLLRLLRARIKEAVWEKIKEIGDRQPENHPEG  
 VPEVPLTPEAVSVELRPLILWMANTTELLSFVQEKVLEMEKEADQEGLSSDPQLCNDLELDEALALLDE  
 VIMCTFQQSVYYLTKTLYSTLPALLDSNPFTAGAELPGPGELEAMPGLRPTLGVFQAALLETSQCELH  
 PDLVSQTFGYLFFFNASLLNSLMERGGQRPFYQWSRAVQIRTNLDLVDLWQAGLGDIAEFFRKL SI  
 AVNLLCVPRTSLLKASWSSLRTDYPTLTPAQLHLLSHYQLGPRGPPPAWDPPPAERDAVDTGDIFESF  
 SSHPPLILPLGSSRLRLTGPVTDALHRELRLRLLWDLEQQLPANHRHGPPVAATP

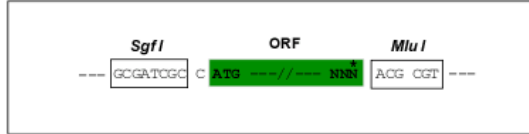
**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

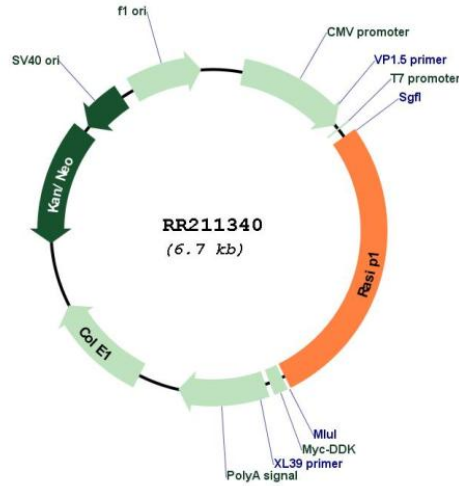
Cloning Scheme:

Cloning sites used for ORF Shutting:



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

Plasmid Map:



ACCN: NM\_001106261

ORF Size: 1857 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <a href="#">NM_001106261.2</a> , <a href="#">NP_001099731.1</a>   |
| <b>RefSeq Size:</b>           | 2355 bp   |
| <b>RefSeq ORF:</b>            | 1860 bp   |
| <b>Locus ID:</b>              | 292912  |
| <b>Cytogenetics:</b>          | 1q22  |
| <b>MW:</b>                    | 67.8 kDa  |