

## Product datasheet for **RR217117**

### Hhip (NM\_001191817) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hhip (NM_001191817) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hhip
Synonyms:	RGD1564108
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR217117 representing NM\_001191817  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGAAGATGCTCTCGTTAAGCTGCTACTGCTGGCCGTGGCTCTGGGCTTCTTTGAAGGAGATGCCA  
 AGTTTGGGAAAAGGAGCGAAGGGAGCGGAGCGAGGAGGAGAAGGTGCCTGAATGGGAGCCCCCAAAGCG  
 CCTGAAAAGAAGGGACAGGAGGATGATGTCCAGCTGGAGCTGCTGAGTGAGGAGAGATTCTGTGTGGT  
 GGCTTCTACCAAGAGTATCCTGCTGCCTGCAGAGTGACAGCCCTGGATTGGGGCGTCTGGAGAACAAGA  
 TCTTTTCTGCCACCAACAACACAGAATGTGGGAGGCTCCTGGAGGAGATCAAATGTGCTCCTTGCTCTCC  
 CCACTCCCAGAGCCTGTTCTTCTCACCTGAAAGAGATGCTCTGGATGGAGACCTTGCACTTCCACTCCTC  
 TGCAAGGACTACTGCAAAGAATTCTTTTACTTGTGCGGGCCATATTCCAGGTCTTCTTCAAACAAGT  
 CTGATGAATTTTGTCTTTACTATGCAAGAAAAGATGCTGGGTTATGCTTCCAGACTTCCGAGAAAAGCA  
 AGTCAGAGGACCAGCATCTAACTATTTGGACCAGATGGAAGACTATGAGAAAAGTGAAGAGATCAGCAGA  
 AAGCACAAACACAAGTCTTCTGTGTCCAGGAGGTCATGAGTGGGCTGCGGCAGCCTGTGGGTGCTGTGC  
 ACAGTGGGGATGGCTCCCTTCGACTCTTCATCCTAGAGAAGGAAGGCTACGTGAAGATTCTAACCCAGA  
 AGGAGAAATGCTCAAGGAGCCTTACTTGGACATTCACAACTTGTTCAGAGTGAATAAAGGGAGGAGAC  
 GAGAGGGGCTGCTAAGCCTGGCATTCCACCCAAATTACAAGAAAACGGGAAGCTCTACGTGTCTTACA  
 CCACCAACCAGGAACGGTGGGCTATTGGGCTCACGACCACATCCTTAGGTTGTGGAATACACAGTATC  
 CAGGAAAATCCCATCAAGTTGATGTAAGAACAGCCAGGTTTCTGGAAGTGCAGAGCTCCACCGG  
 AAGCATTTGGGGACAGCTGCTCTTGGTCTGATGGCTTTTGTACATCATCTCGGGATGGGATGA  
 TCACACTGGATGACATGGAGGAGATGGATGGGTTAAGTATTTCACAGGCTCTGTGCTGAGCTGGATGC  
 GGACACCGACATGTGCAATGTGCCTTACTCCATTCTCGGAGTAACCCCACTTCAACAGCACCAACCAG  
 CCTCCAGAAGTATTTGCCATGGCTCCATGATCCAGGCAGATGTGCCGTGGATCGACATCCCACTGATA  
 TAAACATCAATTTAAACAATACTTTGCTCAGATTCGAATGGGAAGAAGCAGATCGTCGGCCAGAATTCTACA  
 GATAATAAAAGGAAGAGATTACGAAAGCGAGCAATCTCTTCTAGAATTCAAGCCATTAGTAACGGCCCT  
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 GCAATGGGAATTTCTAACCCCTCAGCAAAGCCAGTACTAAGCAATGGCAAGAAAAGCCACTCTGTCT  
 GGGTGCCAGCGGCTCCTGTCAAGGCTACTTTTCGGGTACATCTTGGGATTTGGAGAAGATGAATTAGGA  
 GAGGTTTACATTCTATCAAGCAGTAAGAGTATGACCCAGACTCACAATGGAAAAGCTTACAAGATCATAG  
 ACCCAAAAAGACCTTTGATGCCTGAGGAATGCAGAGTACAGTTCAACCTGCCAGACACTGACCTCAGA  
 TATTTCCCGGCTCTGTCCGAACGGCTACTACACCCACCGGCAAGTGTGCTGCAGTCTGGCTGGGAG  
 GGAGACTTCTGCAGAATTGCCAATGTGAGCCACCTTGTGCTCACGGAGGTGTCTGTGTCAGACAAAACA  
 AGTGCCTCTGTA AAAAGGGCTATCTCGGCCCTCAGTGTGAACGAGCGGACAGGAGCATGCGCAGAGTGAC  
 CAGGGCAGGATTTCTTGACCAGATCATTGACGTGACGCTTACTTGTGGATCTCACAAGTTACATCGTA

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

**Protein Sequence:** >RR217117 representing NM\_001191817  
Red=Cloning site Green=Tags(s)

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MLKMLSFKLLLLAVALGFFEGDAKFGERSESGARRRRCLNGSPPKRLKRRDRRMSQLELLSGGEILCG
GFYPRVSCCLQSDSPGLGRLENKIFSATNNTTECGRLLEEIKCAPCSPHSQSLFFSPERDVLGDGLALPLL
CKDYCKEFFYTCRGHIGLLQTTADEF CFYARKDAGLCFPDFPRKQVRGPASNYLDQMEDYEKVEEISR
KHKHNCFCVQEVMSGLRQPVGAVHSGDGLRRLF ILEKEGYVKIL TPEGEMLKEPYLDIHKLVQSGIKGGD
ERGLLSLAFHPNYKNGKLYVSYTTNQRWAIGPHDHILRVVEYTVSRKNPHQVDVRTARVFLEVAELHR
KHLGGQLLFPGDFLYIILGDGMITLDDMEEMDGLSDF TGSVLRDADTDMCNVYIPRSPNPHFNSTNQ
PPEVFAHGLHDPGRCAVDRHPTDININLTILCSDSNGKNRSSARILQIIKGRDYESEQSLLFEKPF SNGP
LVGGFVYRGCQSERLYGSYVFGDRNGNFLTQQSPVTKWQEKPLCLGASGSCQGYFSGHILGFGEDELG
EYVILSSKSMTQTHNGKLYKIIDPKRPLMPEECRVTVQPAQTL TSDISRLCRNGYYTPTGKCCSPGWE
GDFCRIAKCEPPCRHGGVCVRPNKCLCKKGYLGPQ CERADRS MRRVTRAGILDQIIDVTSYLLDLTSYIV
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001191817

**ORF Size:** 2100 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\\_001191817.1](#), [NP\\_001178746.1](#)

**RefSeq Size:** 2542 bp

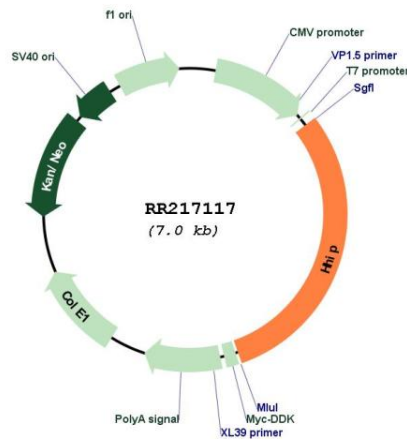
**RefSeq ORF:** 2103 bp

**Locus ID:** 291936

**Cytogenetics:** 19q11

**MW:** 78.6 kDa

**Product images:**



Circular map for RR217117