

## Product datasheet for **RN200269**

### Hip1r (NM\_031234) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hip1r (NM_031234) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hip1r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200269 representing NM_031234 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACAGCATCAAGAATGTGCCGGCGGGTGTGAGCCGAGGCCGGCCATAGCCTAGAGGCCGAGC  
GCGAGCAGTTCGACAAGACGCAGGCCATCAGTATCAGCAAAGCCATCAACAGCCAGGAGGCCCCAGTGAA  
GGAGAAGCATGCCCGCGTATCATTCTGGGCACTCACCATGAGAAAGGAGCCTTTACCTTCTGGTCTAT  
GCCATCGGCCTGCCGTGCCAGCAGCTCCATCCTCAGTTGAAATTTCTGTCACGTCCTTACAAAAGTCC  
TCCGAGATGGACACCCCAATGTGCTGCATGACTGCCAGCGGTACCGGAGCAACATACGTGAGATTGGCGA  
CTTGTGGGGCCACTACGTGACCAGTATGGACACCTGGTGAATATCTATACCAAACCTGCTGCTGACTAAA  
ATCTCCTTCCACCTTAAGCACCCCAAGTTTCTGCGGGCTTGGAGGTAACAGATGAAGTGTGGAGAAGG  
CGGCGGGAAGTGTGTTAATAACATTTTTAGCTCACTGTGGAGATGTTTACTACATGGACTGTGAACT  
GAAGCTTCTGAGTCAGTTTTCCGGCAGCTCAACACAGCCATCGCAGTGTACAGATGTCTTCTGGCCAG  
TGTGCGCTGGCGCCGCTCATCCAGGTATCCAGGACTGCAGCCACCTGTACCACTACACGGTGAAGTCA  
TGTTCAAGCTCCACTCCTGTCTCCAGCAGACACCCTGCAAGGCCACAGGGATCGGTTCCACGAGCAGTT  
TCACAGTCTCAGAACTTCTCCGCCGAGCCTCGGACATGCTCTACTTCAAGCGACTCATCCAGATCCCC  
AGACTGCCTGAGGACCCCAATTTCTGCGGGCCTCAGCCCTGGCTGAGCACATCAAGCCGGTGGTGG  
TGATTCAGAAGAGGCCCGGAGGAGGAGCCTGAGAACCTAATTGAGATCAGCAGTGGGCCCCCTGC  
TGGGGAGCCAGTGGTGGTGGCTGACCTCTTGGATCAGACCTTTGGACCCCAATGGCTCCATGAAGGAT  
GACAGGGACCTCCAGATTGAGAAGTGAAGAGAGAGGTGGAGACCCTCCGTGCTGAGCTGGAGAAGATTA  
AGATGGAGGCCAGCGGTACATCTCGCAGCTGAAGGGCCAGGTGAACAGCCTGGAGGCAGAGCTGGAGGA  
GCAGCGGAAGCAGAAGCAGAAGGCCCTGGTGGACAACGAGCAGCTGCGCCACGAGCTGGCCAGCTGAAA  
GCCCTGCAGCTGGAAGGCGCGCAACCCAGGGCCTGCGAGAGGAGGCGGAGAGGAAGGCCAGTGCCTG  
AGGCACGCTACAGCAAGCTGAAGGAGAAGCACAATGAACCTATTAACACGCATGCCGAGCTGCTCAGGAA  
GAATGCAGACACAGCCAAGCAGCTGACGGTGACACAGCAGAGCCAGGAGGAGTGGCAGCGGTAAGGAG  
CAGCTGGCCTTCCAGATGGAGCAAGTGAAGCGGGAGTCTGAGATGAAGATGGAGGAGCAGAGTGACCAGC  
TGGAGAAGCTCAAGAGGAGCTGGTGGCCAAGGCAGGAGAGCTGGCCATGCCAGGAGGCCCTGAGCCG



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CACGGAACAGAGTGGGTGAGAGCTGAGCTCACGGCTAGATACACTGAACGCAGAGAAGGAAGCACTGAGC  
 GGAGCCATTCGGCAGCGTGAGGCAGAGCTGCTGGCTGCCAGAGCCTGGTGCGGGAGAAGGAAGAGGCTC  
 TTAGCCAAGAGCAGCAGCGCAGCGCCAGGAGAAGGGCGAGCTACAGGGGCGGCTGGCAGAAAAGGAGTC  
 TCAGGAGCAGGGGCTCCAGCAGAAGCTGCTGGATGAACAGTTTGCAGTGTGCGAGGTGCAGCCGCCGAG  
 GCGGAGGCCATCCTGCAGGACGAGTGAGCAAGCTGGATGACCCCTGCACCTCCGTTGCACCAGCTCCC  
 CAGACTACTTAGTGAGCCGGGCTCAGGCAGCCCTGGACAGCGTGTAGTGGCCTGGAGAAGGGCCACACCCA  
 GTACCTGGCTTCCTCTGAGGATGCTTCGCCCCTGGTAGCAGCACTGACCCGCTTCTCCCATCTGGCCGCG  
 GACACCATTGTCAACGGTGGCGCCACCTCGCACCTGGCCCCACTGACCCCGCTGACCCGCTGATCGACA  
 CGTGACAGGGAGTGTGGAGCCCGGCTCTGGAGCTCATGGGACAGCTGCAGGACCAGACAAAGCTACCGAG  
 GGCCAGCCAGCCTGATGCGGGCCCTCTGCAGGGCATTCTTCAAGTTGGCCAGGACCTGAAGCCTAAG  
 AGCCTGGAGCTCCGGCAAGAGGAGCTAGGGCCATGGTTGACAAGGAGATGGCAGCCACCTCTGCAGCCA  
 TTGAGGACGCTGTGCGGAGGATCGAGGACATGATGAACCAGGCCCGCCACGAGAGCTCAGGGGTGAAACT  
 AGAGGTGAACGAGAGGATCCTCAACTCCTGCACAGATCTGATGAAGGCCATCCGGCTCCTGGTGATGACG  
 TCCACCAGCCTGCAGAAGGAGATTGTGGAGAGCGGAGGGGGCAGCAACACAGCAGGAATTTTATGCCA  
 AGAATTCAGGTGACTGAAGGCCTCATCTCTGCCTCGAAGGCAGTGGGCTGGGGAGCCACACAGCTGGT  
 GGAGTCAGCTGACAAGGTTGTGCTTACATGGGCAATATGAGGAACTCATCGTCTGCTCACACGAGATT  
 GCAGCCAGCACTGCCAGCTGGTGGCAGCCTCGAAGGTAAAAGCCAACAAGAAGCAGTCCCCACCTGAGCC  
 GCCTGCAGGAGTGTCCCGCACTGTCAACGAGAGGGCTGCCAATGTGGTGGCCTCCACCAAGTCTGGCCA  
 GGAGCAGATCGAGGACAGAGACCATGGATTTCTCTGGCCTGTCTCTCAAGCTGAAGAAGCAGGAG  
 ATGGAGACACAGGTGCGAGTCTTGGAGCTGGAGAAGACGCTAGAGGCAGAGCGCTACGGCTCGGGGAGC  
 TTCGGAAGCAGCACTATGTAAGTGGCGGGGGCATGGGGACACCTGGCGAAGAAGAACCAGCAGACCCAG  
 CCCAGCTCCCCAAGTGGGGCCACTAAGAAGCCACCTTTGCCAGAAACCCAGCATAGCCCCAGGCCG  
 GACAACCAGCTCGACAAGAAGGATGGTGTCTACCCAGCTCAACTTGTGAAGTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_031234

**Insert Size:**

3207 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\_031234.1, NP\_112513.1

**RefSeq Size:**

4354 bp

**RefSeq ORF:**

3207 bp

**Locus ID:** 81917  
**Cytogenetics:** 12q15  
**Gene Summary:** may interact with F-actin, huntingtin, and huntingtin interacting protein HIP1; may play a role in vesicular mediated transport [RGD, Feb 2006]