

Product datasheet for **RN214181**

Hip1 (NM_001100475) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hip1 (NM_001100475) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214181 representing NM_001100475 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCGGATGGCCAGCTCCATGAAGCAGGTACCCAACCCGCTGCCAAAGTGTGAGCCGGCGCGGGG
TTGGTGTGGGATGGAGGCTGCGGAGCGCGAGAGCTTCGAGCGGACTCAGACGGTCAGCGTCAATAAGGC
CATTAATACGCAGGAAGTGGCCGTGAAGGAAAAACATGCCAGGACGTGTATTCTGGGCACCCACCATGAG
AAAGGGGCGCAGACCTTCTGGTCTGTGGTCAACCGACTGCCTCTCTCCAGCAACGCCATGCTGTGCTGGA
AGTTCTGCCACGTGTTCCACAACTCCTTCGAGACGGACATCCGAACGTGCTGAAAGACTCTCTCAGATA
CAAAAAAGAGTTAAGCGACATGAGCAGGATGTGGGGCCACCTGAGTGAGGGGTATGGACAGCTCTGCAGC
ATCTACCTCAAAGTCTGAGAACAAGGATGGAGTACCACCAAAAAATCCCAGGTTCCCAGGTAACCTCC
AGATGAGCGACCGGCAGCTGGATGAAGCTGGGAAAGTGTGTTAACTTTTCCAGCTCACAGTGGA
GATGTTTGATTACCTGGAGTGGAACTGAACCTCTTCAAAGTGTGTTCAACTCCTTGACATGTCCCGC
TCAGTGCCGTGACCACAGCTGGCCAGTCCGCTCGCCCGCTCATCCAGGTCATCCTGGACTGCAGTC
ACCTCTATGACTACACTGTCAAGCTGCTTCAAGCTCCACTCCTGTCTTCCAGCTGACACCTGCAGGG
CCACCGAGACCGTTCATGGAGCAGTTCACAAAGTTGAAAGATCTGTTTCAGCGCTCCAGCAACCTTCAG
TACTTCAAGCGGCTCATTAGATCCCCAGTTGCCTGAGAATCCACCAACTTCTACGAGCCTCGGCC
TGTCCGAGCACATCAGTCTGTGGTGGTATCCCGGCTGAGGTGTGCTTCCAGACAGTGAGCCCGTCT
GGAGAAGGATGACCTCATGGACATGGATGCCTCCAGCAGAGTTGTTTGACAACAAGTTTGATGACATC
TTCGGCAGCTCGTTGAGCAGTGACCCCTCAATTTCAACAATCAAAATGGCGTGAACAAGGATGAGAAGG
ACCACTTGATTGAACGCCTCTACAGAGAGATCAGTGGACTGACAGGACAGCTGGACAACGTGAAGATTGA
GAGCCAGCGGGCCATGCTGCAGTGAAGGTCGCGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
CACCTGGGACGGCAGGCTACGGATGACTGCGAGTTCCTGCGCAGGAGCTGGATGAAGTGAAGTGAAGT
GAGAGGACACTGAGAAGGCGCAGCAGCAGCTGACTGAGATAGAAAAAAGGCCAGGCCAATGAACAGCG
GTATAGCAAGTTAAAAGAGAAGTACAGTGAAGTGGTGCAGAACCATGCTGATCTGCTGCGGAAGAATGCA
GAGGTGACCAAGCAGGTGTCTGTGGCCCGCAAGCCAGGTGGATTTGAAAAGAGAGAAAAAAGAACTAG
CGGATTCCTTTGCACGTAAGAGCAACAGGATGTTCTAGAGACCCTGAAGCAGCAACTGGCCACCAG
CAGGCAAGAGCTGCAGGTCTCCATGGCAACCTGGAACTCTGCCAGTCTGAGGCGAAATGGCTAACG



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CAGATCGCGGAGCTGGAGAAGGAACAAGGCAGTTTGGCGACAGCCGCGCTCAAAGAGAGGAAGAGTTCT
 CAGCCCTCCGAGACCAACTGAAAGCACCCAGCTCAAAGTGGCTGGTGGCCAGGATTCCATGTGTCAGCA
 GATAAAGGACCAGAGGAGAATCCTCTTGGCAGGGGCCAGGAAGGCTGCGGAGCTCGAGATACAGGAGGCC
 CTGGGCCAGCTTGAAGAGCCTGCCCTCCTCATCAGCTGTGCGAGGACCCAGATCATCTTCTCTCCAAG
 TCAACTCCGTTTCCAGCTGCCTCGAGCAACTGGAAAAGAGCCGACCCAGTATCTGGCCTGCCAGAAGA
 GATCAGTGAGCTTCTGCACTCAATAACCCTGCTTGGCCACTTGACCAGTGACACCATCATTACAGGGGAA
 GCCACCAGCCTCCGGGCCCCACCAGAGTCAGCCGACTCTCTGACGGAGGCTGTAGCGAGTATGGCAGAG
 AAAGTCTGGCCTATCTGTCTCCTTAGAGGAAGAGGGGGCCATGGAAAAAGCTGACACCACAGCCATAGC
 GAACTGCCTCGGCAAGATCAAGACCATTGGCGAGGAAGTCTGCCAGGGGCTTGACATCAAGCAGGAA
 GAGCTGGGTGACCTGGTGGACAAGGAGATGGCAGCCACTTCAGCTGCCATTGAAGCTGCCACCACCCGGA
 TAGAGGAAATTCTCAGTAAGTCCCGAGCAGGAGACACGGGAGTCAAGTTGGAGGTGAACGAGAGGATCCT
 TGGCTCCTGTACCAGCCTGATGCAAGCTATCAAGGTGCTCGTTGTGGCCTCAAGGACCTCCAGAAGGAG
 ATAGTGGAAAGCGGCAGGGGTACCGCATCCCTAAAGAATTTACGCCAAGAACTCTCGGTGGACAGAAG
 GGCTCATATCTGCCTCCAAGCTGTTGGTTGGGAGCTACCATCATGGTGGATGCTGCTGACCTTGTGGT
 CCAAGGCAAAGGGAAGTTCGAGGAGCTGATGGTGTGCTCGCATGAGATTGCCGCTAGCACAGCCAGCTT
 GTGGCTGCATCCAAGGTGAAAGCGAACAAGGGCAGCCTCAATCTGACCCAGCTGCAGCAGGCTCTCGGG
 GAGTGAACCAGGCCACGGCCGCTGTGGTGGCCTCAACCATTTCCGGCAAATCTCAAATTGAGGAAACAGA
 CAGTATGGACTTCTAAGCATGACACTGACCCAGATCAAGCGCCAGGAAATGGATTCCCAGGTTAGGGTG
 CTGGAGCTAGAAAACGACCTGCAGAAGGAGCGCCAGAACTAGGAGAGCTTCGAAAAAACACTACGAGC
 TGGCTGGTGTGCTGAGGGCTGGGAAGAAGGGACAGAAGCATCACCTTCTGCTGTCAAGAAGCGGTGCC
 GGACAAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001100475
- Insert Size:** 3093 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_001100475.1](#), [NP_001093945.1](#)
- RefSeq Size:** 7376 bp
- RefSeq ORF:** 3093 bp
- Locus ID:** 192154

Cytogenetics: 12q12

Gene Summary: human homolog binds clathrin and the clathrin adaptor AP2; may play a role in clathrin-mediated endocytosis [RGD, Feb 2006]