

Product datasheet for **RR200268**

Hip1r (NM_001134763) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Hip1r (NM_001134763) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Hip1r
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR200268 representing NM_001134763
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACAGCATCAAGAATGTGCCGGCGCGGGTCTGAGCCGAGGCCGGCCATAGCCTAGAGGCCGAGC
 GCGAGCAGTTCGACAAGACGCAGGCCATCAGTATCAGCAAAGCCATCAACAGCCAGGAGGCCCCAGTGAA
 GGAGAAGCATGCCCGCGTATCATTCTGGGCACTCACCATGAGAAAGGAGCCTTTACCTTCTGGTCCTAT
 GCCATCGGCCTGCCGCTGCCAGCAGCTCCATCCTCAGTTGGAAAATTCTGTCACGTCCTTACAAAAGTCC
 TCCGAGATGGACACCCCAATGTGCTGCATGACTGCCAGCGGTACCGGAGCAACATACGTGAGATTGGCGA
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 GAAGCTTCTGAGTCAGTTTTCCGGCAGCTCAACACAGCCATCGCAGTGTACAGATGTCTTCTGGCCAG
 TGTGCGCTGGCGCGCTCATCCAGGTATCCAGGACTGCAGCCACCTGTACCACTACACGGTGAAGTCA
 TGTTCAAGCTCCACTCCTGTCTCCAGCAGACACCTGCAAGGCCACAGGGATCGGTTCCACGAGCAGTT
 TCACAGTCTCAGAACTTCTTCCGCCGAGCCTCGGACATGCTCTACTTCAAGCGACTCATCCAGATCCCC
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 AAAGCCCTGCAGCTGGAAGGCGCGCAACAGGGCCTGCGAGAGGAGGGGAGAGGAAGGCCAGTGCCA
 CTGAGGCACGCTACAGCAAGCTGAAGGAGAAGCAATGAACCTATTAACACGCATGCCGAGCTGCTCAG
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 AGCTGGAGAAGCTCAAGAGGGAGCTGGTGGCCAAGGCAGGAGAGCTGGCCATGCCAGGAGGCCCTGAG
 CCGCACGGAACAGAGTGGGTCAGAGCTGAGCTCACGGCTAGATACACTGAACGCAGAGAAGGAAGCACTG



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AGCGGAGCCATTCGGCAGCGTGAGGCAGAGCTGCTGGCTGCCAGAGCCTGGTGCGGGAGAAGGAAGAGG
 CTCTTAGCCAAGAGCAGCAGCGCAGCGCCAGGAGAAGGGCGAGCTACAGGGGCGGCTGGCAGAAAAGGA
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 GAGGCGGAGGCCATCCTGCAGGACGCAGTGAGCAAGCTGGATGACCCCTGCACCTCCGTTGCACCAGCT
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 GAGATGGAGACACAGGTGCGAGTCTTGGAGCTGGAGAAGACGCTAGAGGCAGAGCGCGTACGGCTCGGGG
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGTTTAA

Protein Sequence:

>RR200268 representing NM_001134763
 Red=Cloning site Green=Tags(s)

MNSIKNVPARVLSRRPGHSLAEREQFDKTAISISKAINSQEAPVKEKHARRIILGTHHEKGAFWFSY
 ATGLPLPSSSILSWKFCHVLHKVLRDGHNVLDHCQRYRSNIREIGDLWGHLDQYGHLVNIYTKLLLTK
 ISFHLKHPQFPAGLEVTDVLEKAAGTDVNNIFQLTVMFDYMDCELKLSVFRQLNTAIAVSQMSSGQ
 CRLAPLIQVIQDCSHLYHYTVKLMFKLHSLPADTLQGHRDRFHEQFHSLRNFFRRASDMLYFKRLIQIP
 RLPEGPPNFLRASALAEHIKPVVVIPEEAPEEEEEPENLIEISSGPPAGEPVQVVADLFDQTFGPPNGSMK
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 ADTIVNGGATSHLAPDTPADRLIDTCRECGARALELMGQLQDQTKLPRAQPPLMRAPLQGILQLGQDLKP
 KSLDVRQEELGAMVDKEMAATSAAIEDAVRRIEDMMNQARHESGKLEVNERILNSCTDLMKAIRLLVM
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 IAASTAQLVAASKVKANKNSPHLSRLQECSTVNERAANVVASTKSGQEIQIEDRDTMDFSGLSLIKLLKKQ
 EMETQVRVLELEKTLEAERVRLGELRKQHYVLAGGMGTPGEEEPSRSPAPRSGATKKPPLAQKPSIAPR
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

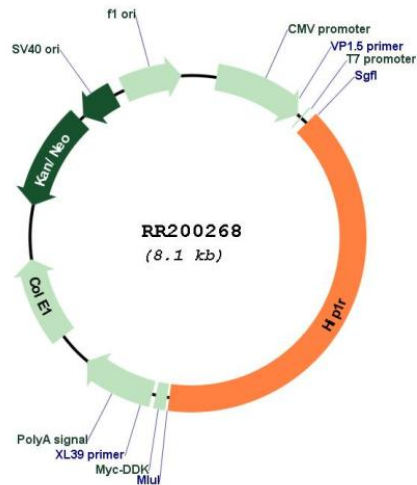
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001134763

ORF Size:

3207 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:	<ol style="list-style-type: none">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:	<u>NM_001134763.1, NP_001128235.1</u>
RefSeq Size:	4357 bp
RefSeq ORF:	3210 bp
Locus ID:	81917
Cytogenetics:	12q15
MW:	119.6 kDa
Gene Summary:	may interact with F-actin, huntingtin, and huntingtin interacting protein HIP1; may play a role in vesicular mediated transport [RGD, Feb 2006]