

Product datasheet for **RC239106**

HIP1R (NM_001303097) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIP1R (NM_001303097) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HIP1R
Synonyms:	HIP3; HIP12; ILWEQ
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC239106 representing NM_001303097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAGCATCAAGAACGTGCCGGCGCGGGTGTGAGCCGAGCCGGGCCACAGCCTGGAGGCCGAGC
 GCGAGCAGTTCGACAAGACCCAGGCCATCAGCATCAGCAAAGCCATCAACACCCAGGAGGCCCCCGTGAA
 GGAGAAGCACGCCCGGCCATCATTCTGGGCACACACCAGAGAAGGGGCTTTACCTTCTGGTCTAC
 GCCATTGGGCTGCCGCTGCCAGCAGCTCCATTCTCAGCTGGAAGTTCTGCCACGTCTCCACAAGGTCC
 TTCGAGACGGGACCCCAATGTGCTGCATGACTGCCAGCGGTACCGCAGCAACATCCGGGAGATTGGAGA
 CCTGTGGGGACATTTGCATGACCCTACGGACAGCTGGTGAATGTCTACACCAAGCTGCTGCTGACCAAG
 ATCTCCTCCACCTCAAGCATCCCCAGTTTCCCGGGCCTGGAGGTGACAGATGAGGTACTGGAGAAGG
 CAGCTGGGACCGATGTCAACAACATCTCCAGCTCACTGTGGAGATGTTTGATTACATGGATTGTGAGCT
 GAAGCTTTCTGAATCAGTTTTCCGACAGCTCAACACGGCCATCGCCGTATCCAGATGCTCCTCAGGCCAG
 TGCCGCTGGCCCCCTCATCCAGGTATCCAGGACTGCAGCCACCTCTACCACTACACGGTCAAGCTCC
 TGTTCAAGCTACACTCTTGTCTCCTGCGGACACCCTGCAAGGCCACAGGGACCGGTTCCACGAGCAGTT
 TCACAGCCTCAGGAATCTTCCGAGAGCCTCCGACATGCTGTACTTCAAGCGGCTCATCCAGATCCCC
 CGGCTGCCCGAGGGACCCCTAACTTCTGCGGCCTCAGCCCTGGTGAGCACATCAAGCCGGTGGTGG
 TGATCCCCGAGGAGGCCCGGAAGATGAGGAGCCGGAGAATCTCATTGAGATCAGCACAGGGCCCCCGC
 GGGGGAGCCAGTGGTGGTGGCTGACCTCTCGATCAGACGTTTGGACCCCCCAATGGGTCTGTGAAGGAC
 GACAGGGACCTCCAGATTGAGAGCTTGAAGAGAGAGGTGGAATGCTCCGCTCTGAACTGGAGAAGATCA
 AGCTGGAGGCCACAGCGGTACATCGCCAGCTGAAGAGCCAGGTGAATGCACTGGAGGGTGAAGTGGAGA
 GCAGCGGAAGCAGAAGCAGAAGGCCCTGGTGGATAATGAGCAGCTCCGCCACGAGCTGGCCAGCTGAGG
 GCTGCCAGCTGGAGGGCAGCGGAGCCAGGGCCTGCGTGAGGAGGCTGAGAGGAAGGCCAGTGCCACGG
 AGGCGCGCTACAACAAGCTGAAGGAAAAGCACAGTGAGCTCGTCCATGTGCACGCGGAGCTGCTCAGAAA
 GAACGCGGACACAGCCAAGCAGCTGACGGTGACGAGCAAGCCAGGAGGAGGTGGCGGGTGAAGGAG
 CAGCTGGCCTTCCAGGTGGAGCAGGTGAAGCGGGAGTCCGAGTTGAAGCTAGAGGAGAAGAGCGACCAGC
 TGGAGAAGCTCAAGAGGGAGCTGGAGGCCAAGGCCGAGAGCTGGCCCGCGCAGGAGGCCCTGAGCCA
 CACAGAGCAGAGCAAGTCGGAGCTGAGCTCACGGCTGGACACGCTGAGTGGGAGAAGGATGCTCTGAGT
 GGAGCTGTGCGCAGCGGAGGCAGACCTGCTGGCGGCGCAGAGCCTGGTGGCGGAGACAGAGGCCGGCC
 TGAGCCGGGAGCAGCAGCGCAGCTCCAGGAGCAGGGCGAGTTGCAGGGCCGGCTGGCAGAGAGGGTATG
 GCCTCCCAGATGCAGCAGCACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

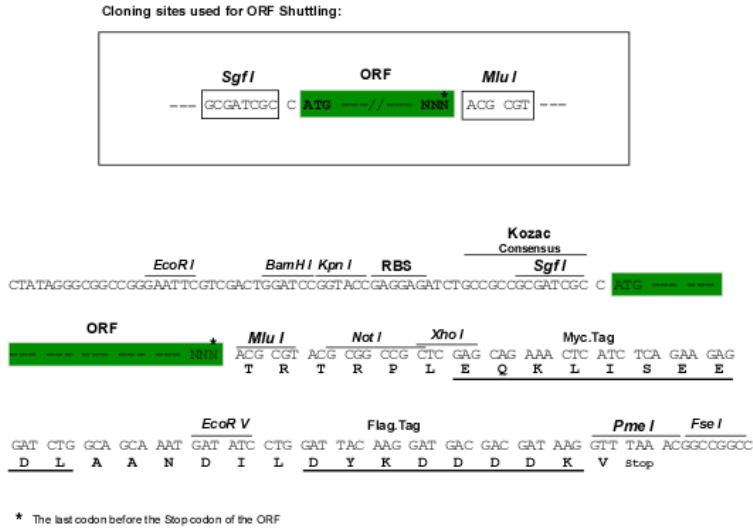
>RC239106 representing NM_001303097
 Red=Cloning site Green=Tags(s)

MNSIKNVPARVLSRRPGHSLAEREQFDKTAISISKAINTQEAPVKEKHARRIILGTHHEKGAFWFWSY
 ATGLPLPSSSILSWKFCHVLHKVLRDGHPNVLDHCQRYRSNIREIGDLWGLHHDYRQQLVNVYTKLLLTK
 ISFHLKHPQFPAGLEVTDVLEKAAGTDVNNIFQLTVEMFDYMDCELKLSVFRQLNTAIAVSQMSSGQ
 CRLAPLIQVIQDCSHLYHYTVKLLFKLHLSCLPADTLQGHRDRFHEQFHSLRNFFRRASDMLYFKRLIQIP
 RLPEGPPNFLRASALAEHIKPVVVIPEEAPDEEENLIEISTGPPAGEPVVVADLFDQTFGPPNGSVKD
 DRDLQIESLKREVEMLRSELEKIKLEAQRYIAQLKSQVNALEGELEEQRKQKQKALVDNEQLRHELAQLR
 AAQLEGRSQGLREEAERKASATEARYNKLKEKHSSELVHVHAELLRKNADTAKQLTVTQSQEEVARVKE
 QLAFQVEQVKRESELKLEEKSDQLEKLKRELEAKAGELARAQEALSHTEQSKSELSSRLDTLSAEKDALS
 GAVRQREADLLAAQSLVRETEAALSREQQRSSQEQGELQGRLAERVWPPQMQQHH

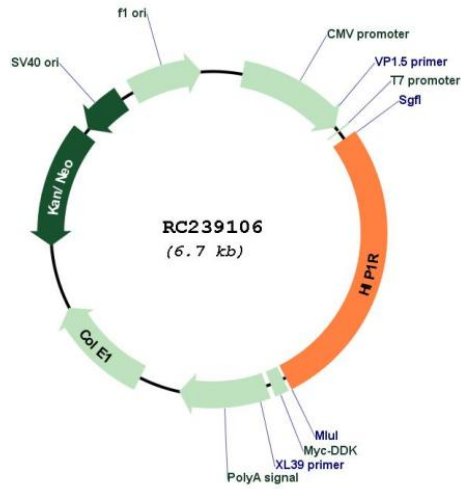
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001303097

ORF Size: 1845 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:	NM_001303097.2
RefSeq Size:	2613 bp
RefSeq ORF:	1848 bp
Locus ID:	9026
UniProt ID:	O75146
Cytogenetics:	12q24.31
MW:	70.7 kDa
Gene Summary:	Component of clathrin-coated pits and vesicles, that may link the endocytic machinery to the actin cytoskeleton. Binds 3-phosphoinositides (via ENTH domain). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis.[UniProtKB/Swiss-Prot Function]