

Product datasheet for **RC239057**

HIP1R (NM_001303099) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIP1R (NM_001303099) 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



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ORF Nucleotide Sequence:

>RC239057 representing NM_001303099
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCCAGATTTTCTCCAATTAACCCAGATCTTGCCTGGTGCAGACAAGACTTAGCCATCAGCATCA
 GCAAAGCCATCAACACCCAGGAGGCCCCCGTGAAGGAGAAGCACGCCCGGCATCATTCTGGGCACACA
 CCACGAGAAGGGGCTTTACCTTCTGGTCTACGCCATTGGGCTGCCGCTGCCAGCAGCTCCATTCTC
 AGCTGGAAGTTCTGCCACGTCCTCCACAAGTCTTCGAGACGGGCACCCCAATGTGCTGCATGACTGCC
 AGCGGTACCGCAGCAACATCCGGGAGATTGGAGACCTGTGGGACATTTGCATGACCGCTACGGACAGT
 GGTGAATGTCTACACCAAGCTGCTGCTGACCAAGATCTCCTTCCACCTCAAGCATCCCCAGTTTCCGCG
 GGCTGGAGGTGACAGATGAGGTACTGGAGAAGGCAGCTGGGACCGATGTCAACAACATCTCCAGCTCA
 CTGTGGAGATGTTTGATTACATGGATTGTGAGCTGAAGCTTTCTGAATCAGTTTTCCGACAGCTCAACAC
 GGCATCGCCGTATCCAGATGTCTCAGGCCAGTCCGCTGGCCCCCTCATCCAGGTATCCAGGAC
 TGACGCCACCTTACCCTACACGGTCAAGCTCCTGTTCAAGCTACACTCTTGTCTCCCTGCGGACACCC
 TGCAAGGCCACAGGGACCGGTTCCACGAGCAGTTTACAGCCTCAGGAATTTCTCCGACAGACCTCCGA
 CATGCTGTACTTCAAGCGGCTCATCCAGATCCCCCGGCTGCCCGAGGGACCCCTAACTTCTGCGGGCC
 TCAGCCCTGGCTGAGCACATCAAGCCGGTGGTGGTGATCCCCGAGGAGGCCCGGAAGATGAGGAGCCGG
 AGAATCTCATTGAGATCAGCACAGGGCCCCCGGGGGAGCCAGTGGTGGTGGCTGACCTTTCGATCA
 GACGTTTGGACCCCCAATGGGTCTGTGAAGGACGACAGGGACCTCCAGATTGAGAGCTTGAAGAGAGAG
 GTGGAAATGCTCCGCTCTGAAGTGGAGAAGATCAAGCTGGAGGCCAGCGGTACATCGGCAGCTGAAGA
 GCCAGTGAATGCCTGGAGGTGAGCTGGAGGAGCAGCGGAAGCAGAAGCAGAAGGCCCTGGTGGATAA
 TGAGCAGCTCCGCCACGAGCTGGCCAGCTGAGGGCTGCCAGCTGGAGGGCAGCGGAGCCAGGGCCTG
 CGTGAGGAGGCTGAGAGGAAGGCCAGTGCCACGGAGGCGCGCTACAACAAGCTGAAGGAAAAGCACAGTG
 AGCTCGTCCATGTGCACGCGGAGCTGCTCAGAAAGAAGCGGACACAGCCAAGCAGCTGACGGTGACGCA
 GCAAAGCCAGGAGGAGGTGGCGGGTGAAGGAGCAGCTGGCCTTCCAGGTGGAGCAGGTGAAGCGGGAG
 TCGGAGTTGAAGCTAGAGGAGAAGAGCGACAGCTGGAGAAGCTCAAGAGGGAGCTGGAGCCAAGGCCG
 GAGAGCTGGCCCCGCGCAGGAGGCCCTGAGCCACACAGAGCAGCAAGTCGGAGCTGAGCTCACGGCT
 GGACACGCTGAGTGGGAGAAGGATGCTCTGAGTGGAGCTGTGCGGCAGCGGGAGGCAGACTGCTGGCG
 GCGCAGAGCTGGTGGCGGAGACAGAGGGCGCTGAGCCGGGAGCAGCAGCGCAGCTCCAGGAGCAGG
 GCGAGTTGACAGGGCCGGCTGGCAGAGAGGTATGGCTCCCAGATGCAGCAGCACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239057 representing NM_001303099
 Red=Cloning site Green=Tags(s)

MEARFSPINQILPWCQRDLAISISKAINTQEAPVKEKHARRIILGTHHEKGAFTFWSYAIGLPLPSSSIL
 SWKFCHVLHKVLRDGHNVLDHCQRYRSNIREIGDLWGLHLDHYGQLVNVYTKLLTKISFHLKHPQFPA
 GLEVTDEVLEKAAGTDVNNIFQLTVMFDYMDCELKLSVFRQLNTAIAVSQMSSGQCRLAPLIQVIQD
 CSHLYHYTVKLLFKLHSLPADTLQGHRDRFHEQFHSLRNFRRASDMLYFKRLIQIPRLPEGPPNPLRA
 SALAEHIKPVVVIPEEAPEDDEPENLIEISTGPPAGEPVVADLFDQTFGPPNGSVKDDRDQLIESLKRE
 VEMLRSELEKIKLEAQRZIAQLKSQVNALEGELEEQRKQKQKALVDNEQLRHELAQLRAAQLEGGERSQGL
 REEAERKASATEARYNKLKEKHSSELVHVHAELLRKNADTAKQLTVTQSSQEEVARVKEQLAFQVEQVKRE
 SELKLEEKSDQLEKLEKRELEAKAGELARAQALSHTEQSKSELSSRLDTLSAEKDALSGAVRQREADLLA
 AQLVRETEAALSREQRSSQEQGELQGRLAERVWPPQMQQHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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_001303099.2
RefSeq Size:	2699 bp
RefSeq ORF:	1812 bp
Locus ID:	9026
Cytogenetics:	12q24.31
MW:	69.5 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]