

Product datasheet for **RG239106**

HIP1R (NM_001303097) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIP1R (NM_001303097) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HIP1R
Synonyms:	HIP3; HIP12; ILWEQ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239106 representing NM_001303097.
 Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**
 ATGAACAGCATCAAGAACGTGCCGGCGCGGTGCTGAGCCGAGCCGGGCCACAGCCTGGAGGCCGAG
 CGCGAGCAGTTCGACAAGACCCAGGCCATCAGCATCAGCAAAGCCATCAACACCCAGGAGGCCCCGTG
 AAGGAGAAGCACGCCCGCGCATCATTCTGGGCACACACCAGAGAAGGGGGCTTTCACCTTCTGGTCC
 TACGCCATTGGGCTGCCGCTGCCAGCAGCTCCATTCTCAGCTGGAAGTTCTGCCACGTCTCCACAAG
 GTCCTTCGAGACGGGCACCCCAATGTGCTGCATGACTGCCAGCGGTACCGCAGCAACATCCGGGAGATT
 GGAGACCTGTGGGGACATTTGCATGACCCTACGGACAGCTGGTGAATGTCTACACCAAGCTGCTGCTG
 ACCAAGATCTCCTCCACCTCAAGCATCCCCAGTTTCCCGCGGGCCTGGAGGTGACAGATGAGGTACTG
 GAGAAGGCAGCTGGGACCGATGTCAACAACATCTCCAGCTCACTGTGGAGATGTTTGATTACATGGAT
 TGTGAGCTGAAGCTTTCTGAATCAGTTTTCCGACAGCTCAACACGGCCATCGCCGTATCCAGATGTCC
 TCAGGCCAGTGCCGCTGGCCCCCTCATCCAGGTCATCCAGACTGCAGCCACCTTACCCTACACG
 GTCAAGCTCCTGTTCAAGCTACACTCTTGTCTCCCTGCGGACACCCTGCAAGGCCACAGGGACCGTTC
 CACGAGCAGTTTACAGCCTCAGGAACCTTCTCCGAGAGCCTCCGACATGCTGTACTTCAAGCGGCTC
 ATCCAGATCCCCCGGCTGCCCGAGGGACCCCTAACTTCTGCGGGCCTCAGCCCTGGCTGAGCACATC
 AAGCCGGTGGTGGTATCCCCGAGGAGGCCCGGAAGATGAGGAGCCGGAGAATCTCATTGAGATCAGC
 ACAGGGCCCCCGCGGGGAGCCAGTGGTGGTGGCTGACCTTTCGATCAGACGTTTGGACCCCAAT
 GGGTCTGTGAAGGACGACAGGGACCTCCAGATTGAGAGCTGAAGAGAGAGGTGGAATGCTCCGCTCT
 GAACTGGAGAAGATCAAGCTGGAGGCCAGCGGTACATCGCGCAGCTGAAGAGCCAGGTGAATGCACTG
 GAGGGTGAAGTGGAGGAGCAGCGGAAGCAGAAGGCCCTGGTGGATAATGAGCAGCTCCGCCAC
 GAGCTGGCCCAGCTGAGGGCTGCCAGCTGGAGGGCAGCGGAGCCAGGGCCTGCCGTGAGGAGCTGAG
 AGGAAGGCCAGTGCCACGGAGGCGCTACAACAAGCTGAAGGAAAAGCACAGTGAGCTCGTCCATGTG
 CACGCGGAGCTGCTCAGAAAGAAGCGGACACAGCCAAGCAGCTGACGGTGACGCAGCAAAGCCAGGAG
 GAGGTGGCGGGTGAAGGAGCAGCTGGCCTTCCAGGTGGAGCAGGTGAAGCGGGAGTCCGGAGTTGAAG
 CTAGAGGAGAAGAGCGACCAGCTGGAGAAGCTCAAGAGGGAGCTGGAGGCCAAGGCCGAGAGCTGGCC
 CGCGCGCAGGAGCCCTGAGCCACACAGAGCAGAGCAAGTCGGAGCTGAGCTCACGGCTGGACACGCTG
 AGTGGGAGAAGGATGCTCTGAGTGGAGCTGTGCGGCAGCGGGAGGCAGACCTGCTGGCGGCGCAGAGC
 CTGGTGGCGGAGACAGAGCGGCGCTGAGCCGGGAGCAGCAGCGCAGCTCCAGGAGCAGGGCGAGTTG
 CAGGGCCGGCTGGCAGAGAGGGTATGGCCTCCCCAGATGCAGCAGCACCC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC

Protein Sequence:

>Peptide sequence encoded by RG239106
 Blue=ORF Red=Cloning site Green=Tag(s)

MNSIKNVPARVLSRRPGHSLEAEREQFDKTAISISKAINTQEAPVKEKHARRIILGTHHEKGAFWFWS
 YAIGLPLPSSSILSWKFCHVLHKVLRDGHPNVLHDCQRYRSNIREIGDLWGHLDHRYGQLVNVYTKLLL
 TKISFHLKHPQFPAGLEVTDVLEKAAGTDVNNIFQLTVMFDMYDCELKLSVFRQLNTAIAVSQMS
 SGQCRLAPLIQVIQDCSHLYHYTVKLLFKLHSLPADTLQGHRDRFHEQFHSRNFRRASDMLYFKRL
 IQIPRLPEGPPNFLRASALAEHIKPVVVIPEEAPPEDEEPENLIEISTGPPAGEPVVVADLFDQTFGPPN
 GSVKDDRDLQIESLKREVEMLRSELEKIKLEAQRYIAQLKSQVNALEGELEEQRKQKQKALVDNEQLRH
 ELAQLRAAQLEGERSQGLREEAERKASATEARYNKLKEKHSELVHVHAE LLRKNADAKQLTVTQSQE
 EVARVKEQLAFQVEQVRESELKLEEKSDQLEKLRLEAKAGELARAQEALSHTEQSKSELSSRLDTL
 SAEKDALS GAVRQREADLLAAQSLVRETEAALSREQQRSSQEQGELQGRLAERVWPPQMQQHH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNATVEHLHPMGDNDLDGFSFTRTFLSRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites:

Sgfl-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).
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]