

Product datasheet for **RG239057**

HIP1R (NM_001303099) Human Tagged ORF Clone

Product data:

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

>RG239057 representing NM_001303099.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGCCAGATTTTCTCCAATTAACCATCTTGGCCTGGTGCAGACAAGACTTAGCCATCAGCATC
AGCAAAGCCATCAACACCCAGGAGGCCCGTGAAGGAGAAGCACGCCCGCGCATCATTCTGGGCACA
CACCACGAGAAGGGGGCTTTCACCTTCTGGTCCTACGCCATTGGGCTGCCGCTGCCAGCAGCTCCATT
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TGCCAGCGGTACCGCAGCAACATCCGGGAGATTGGAGACCTGTGGGGACATTTGCATGACCGCTACGGA
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CTCAACACGGCCATCGCCGTATCCAGATGTCTCAGGCCAGTCCGCCCTGGCCCCCTCATCCAGGTC
ATCCAGGACTGCAGCCACCTCTACCACTACACGGTCAAGCTCCTGTTCAAGCTACTCTTGTCTCCCT
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AGAGCCTCCGACATGCTGTACTTCAAGCGGCTCATCCAGATCCCCCGGCTGCCCGAGGGACCCCTAAC
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CAGCGGGAGGCAGACCTGCTGGCGGCGCAGAGCCTGGTCCGCGAGACAGAGGCGGCGCTGAGCCGGGAG
CAGCAGCGCAGCTCCAGGAGCAGGGCGAGTTGCAGGGCCGGCTGGCAGAGAGGGTATGGCTCCCCAG
ATGCAGCAGCACCCAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG239057
 Blue=ORF Red=Cloning site Green=Tag(s)

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MEARFSPINQILPWCQRDLAISISKAINTEQAPVKEKHARRIILGTHHEKGAFTFWSYAIGLPLPSSSI
LSWKFCHVLHKVLRDGHPNVLHDCQRYRSNIREIGDLWGHLDHRYQLVNVYTKLLTKISFHLKHPQF
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FLRASALAEHIKPVVVIPEEAPEDDEPENLIEISTGPPAGEPVVADLFDQTFGPPNGSVKDDRDLQIE
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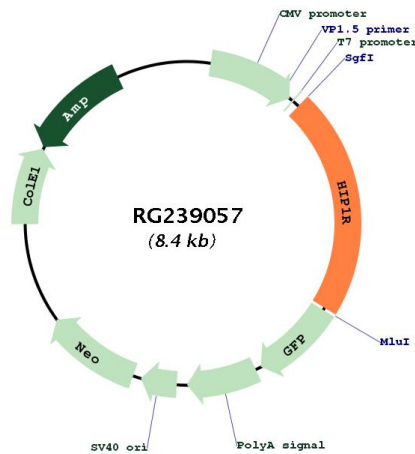
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001303099
 ORF Size: 1809 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).
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]