

Product datasheet for **SC337000**

HIP1R (NM_001303097) Human Untagged Clone

Product data:

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



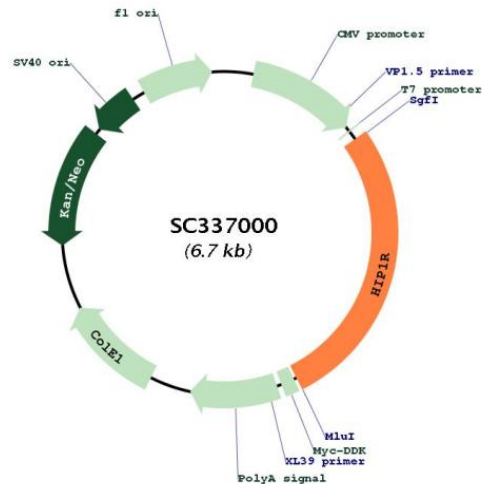
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Fully Sequenced ORF: >SC337000 representing NM_001303097.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAACAGCATCAAGAACGTGCCGGCGGGTGTCTGAGCCGAGGCCGGCCACAGCCTGGAGGCCGAG
CGCGAGCAGTTCGACAAGACCCAGGCCATCAGCATCAGCAAAGCCATCAACACCCAGGAGCCCGTG
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TACGCCATTGGGCTGCCGCTGCCAGCAGCTCCATTCTCAGCTGGAAGTTCTGCCACGCTCTCCACAAG
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TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001303097

Insert Size: 1848 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:

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_001303097.1](#)

RefSeq Size: 2613 bp

RefSeq ORF: 1848 bp

Locus ID: 9026

UniProt ID: [O75146](#)

Cytogenetics: 12q24.31

MW: 70.3 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]

Transcript Variant: This variant (2) lacks several 3' exons and its 3' terminal exon extends past a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct C-terminus, compared to isoform 1.