

## Product datasheet for MC223408

### Hip1r (NM\_145070) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hip1r (NM_145070) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hip1r
Synonyms:	AA410023; mKIAA0655
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223408 representing NM_145070 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAACAGCATCAAGAATGTGCCGGCGCGGGTCTGAGCCGAGCCGGGCCACAGCCTAGAGGCCGAGC  
GCGAGCAGTTCGACAAGACGCAGGCCATCAGTATCAGCAAAGCCATCAACAGCCAGGAGGCCCCAGTGAA  
GGAGAAGCATGCCCGCGTATCATCCTGGGCACGCATCATGAGAAGGGAGCCTTTACCTTCTGGTCTAT  
GCCATCGGCCTGCCGCTGTCCAGCAGCTCCATCCTCAGCTGGAAGTTCTGTACAGTCTTACAAGGTCC  
TCCGGGACGGACACCCCAACGTCCTGCATGACTATCAGCGGTACCGGAGCAACATACGTGAGATCCGTGA  
CTTGTTGGGGCCACCTTCTGTGACCAGTATGGACACCTGGTGAATATCTATAACCAAAGTGTGCTGACTAAG  
ATCTCCTTCCACCTTAAGCATCCCCAGTTTCTGCAGGCCTGGAGGTAACAGATGAGGTGTTGGAGAAGG  
CGGCGGAACTGATGTCAACAACATTTTTCAGCTTACCGTGGAGATGTTTGACTACATGGACTGTGAACT  
GAAGCTTCTGAGTCAGTTTTCCGGCAGCTCAACACGGCCATCGCAGTGTCCAGATGTCTTCTGGCCAG  
TGTCTGAGTGCAGTCTTCTCCGGCAGACACCTGCAAGGCCACAGGGATCGGTTCCACGAGCAGTT  
TCACAGCCTCAAAAACCTTCTCCGGCAGCTTTCAGACATGCTGTACTTCAAGAGGCTCATCCAGATCCCCG  
CGGCTGCCTGAGGGACCCCCAATTTCTGCGGGCTTCAGCCCTGGCTGAGCACATCAAGCCGGTGGTGG  
TGATTCGAGGAGGCCCCAGAGGAAGAGGAGCCTGAGAACCTAATTGAAATCAGCAGTGCACCCCTGC  
TGGGGAGCCAGTGGTGGTGGCTGACCTCTTGATCAGACCTTTGGACCCCAATGGCTCCATGAAGGAT  
GACAGGGACCTCCAAATCGAGAAGTGAAGAGAGAGGTGGAGACCCTCCGTGCTGAGCTGGAGAAGATTA  
AGATGGAGGCACAGCGGTACATCTCCAGCTGAAGGGCCAGGTGAATGGCCTGGAGGCAGAGCTGGAGGA  
GCAGCGCAAGCAGAAGCAGAAGGCCCTGGTGGACAACGAGCAGCTGCGCCACGAGCTGGCCAGCTCAAG  
GCCCTGCAGCTGGAGGGGCCCGCAACAGGGCCTTCGAGAGGAAGCAGAGAGGAAGGCCAGTGCACCG  
AGGCACGCTACAGCAAGCTGAAGGAGAAACACAGCGAACTCATTAAACCCACGCGAGCTGCTCAGGAA  
GAACGCAGACACGGCCAAGCAGCTGACAGTGACACAGCAGAGCCAGGAGGAGGTGGCACGGTAAAGGAA  
CAGCTGGCCTTCCAGATGGAGCAAGCGAAGCGTGAGTCTGAGATGAAGATGGAAGAGCAGAGCGACCACT



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TGGAGAAGCTCAAGAGGGAGCTGGCGGCCAGGGCAGGAGAGCTGGCCCGTGCGCAGGAGGCCCTGAGCCG  
CACAGAACAGAGTGGGTGAGAGCTGAGCTCACGGCTGGACACACTGAATGCGGAGAAGGAAGCTCTGAGT  
GGAGTCGTTTCGGCAGCGTGAGGCAGAGCTGCTGGCCGCTCAGAGCCTGGTGCGGGAGAAGGAGGAGGCAC  
TTAGCCAAGAGCAGCAGCGGAGCTCCCAGGAGAAGGGCGAGCTACGGGGGAGCTGGCAGAAAAGGAGTC  
TCAGGAGCAGGGGCTTCGGCAGAAGCTGCTGGATGAGCAGTTGGCGGTGTTGCGAAGTGCAGCCGCCGAG  
GCAGAGGCCATCTACAGGATGCAGTGAACAAGCTGGACAGCCCCTGCACCTCCGCTGCACCAGCTCCC  
CAGACTACTTGGTGAGCCGGGCTCAGGCAGCCCCTGGACAGCGTGAGCGGCCTGGAGCAGGGCCACACCCA  
GTACCTGGCTTCCTCTGAAGATGCTTCTGCCCTGGTGGCAGCGTGACCCGCTTCTCCATTTGGCTGCG  
GACACCATTGTCAATGGTGCCGCCACCTCCACCTGGCCCCACCGACCCCGCCGACCGCTGATGGACA  
CATGCAGGGAGTGTGGAGCCCGGCTCTGGAGCTGGTGGGACAGCTGCAAGACCAGACAGTGTACCCGAG  
GGCTCAGCCAGCCTGATGCGGGCCCCCTGCAGGGCATTCTGCAGTTGGCCAGGACTTGAAGCCTAAG  
AGCCTGGATGTACGGCAAGAGGAGCTAGGGGCCATGGTGGACAAGGAGATGGCGGCCACCTCGGCAGCCA  
TTGAGGACGCTGTGCGGAGGATCGAGGACATGATGAGCCAGGCCGCCACGAGAGCTCGGGCGTGAAACT  
GGAGGTGAATGAGAGGATCCTCAACTCCTGCACAGACCTGATGAAGGCTATCCGGCTCCTGGTGATGACC  
TCCACCAGCCTGCAGAAGGAAATTTGGAGAGCGGCAGGGGGCAGCAACGCAGCAGGAATTTTATGCCA  
AGAATTCACGGTGGACTGAAGGCCTCATCTCAGCCTCTAAGGCAGTGGGCTGGGGAGCCACACAGCTGGT  
GGAGTCAGCTGACAAGTTGTGCTTACATGGGCAAATACGAGGAACTCATCGTCTGCTCCCATGAGATT  
GCGGCCAGCAGGCCAGCTGGTGGCAGCCTCGAAGGTGAAAGCCAACAAGAAGTCCCACTTGGACC  
GCCTGCAGGAATGTTCCCGCACTGTCAACGAGAGGGGTGCCAACGTCGTGGCCTCCACCAAATCTGGCCA  
GGAGCAGATTGAGGACAGAGACCATGGATTTCTCTGGCCTGTCCCTCATCAAGTTGAAGAAGCAGGAG  
ATGGAGACACAGGTGCGAGTCTTGGAGCTGGAGAAGACTAGAGGCAGAGCGTGTCCGGCTCGGGGAGC  
TTCGGAACAGCACTATGTACTGGCTGGGGGATGGGAACACCTAGCGAAGAAGAACCAGCAGACCCAG  
CCCAGCTCCCCAAGTGGGGCCACTAAGAAGCCACCGCTGGCCCAGAAACCCAGCATAGCCCCAGGACA  
GACAACCAGCTCGACAAAAGGATGGTGTCTACCCAGCTCAACTTGTGAAGTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_145070

**Insert Size:**

3207 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\_145070.3, NP\_659507.3

**RefSeq Size:**

4402 bp

RefSeq ORF: 3207 bp

Locus ID: 29816

UniProt ID: [Q9JKY5](#)

Cytogenetics: 5 F

**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]