

Product datasheet for **MR209311**

Hirip3 (NM_172746) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hirip3 (NM_172746) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hirip3
Synonyms:	B130036O03; C86302
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209311 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCGGGAGATGAGATGCGAAAATCACTCGCAGCTTCTTTTCGAGCTTGCCCGGACCTCAGCTCGG
 TTACGCACGCCATCGTGCACAGAAATTTTATTACAGTGGGTGGGATCATCTTGAACCTGAAGAGAA
 GCAGGCGTTGAAGCGGCTGGTGGAGGAGGAGCTGCCGAAAATGCAGGCGGATGCTGGTACCAGGGAAGGA
 AAGCCAGACTTTATCAAAGTGAAGAGGTCTCTGCTCCCTGCAGTGACCCAAAGAAGAAAAGTTCCGCT
 TTAATTCAGAGTCAGAATCCAGCTCTTACCATCCAGTCCAGATGGCTCAGGACCCTCAACAAAGAACAG
 GACAACCAAGAAGACATGTCTAAGAAGAGCCTTAAAGAAAGCAGTTGAGAGCACAGATGAAGACCACAA
 ACAGACCTGGATGCAAAGATGGGATTGGAGGAGAGCAGTGAGGGGAAGCAGAGGGCTCTGTTAGATCAG
 GTAAGGTCACCGAGGAAGAGGAGACATGAAACAAGAACAGAAGGGCCAGTTAGAAAGCAAGCTGGGGC
 CAAAGACAAGCAAGTACCACTCAAGGCAGACAGGAAGCAGTTAGGGAAGAGAGTGGGAGCAGTGAGGAG
 GAGGCTGTGCTGCAGAGAGCAAAGGTGGAGGGAAGCACAGGTGCTAACTGCCAGGAGGAGAGTGAAGAGA
 GCGGAGAGGAGAGCCAGCTAAGAAGAAAAGAGCTTAGTGAGCCAGATCCAGAAGTAACAGAGCAGAGAG
 AACAGCCAGGGAGAGAAAAGACTATAAGCAGAAAAGCAGGCCCTGGGAGGCCAACTGGAGGCTTGCAGAC
 AGCGAGGCAGAGAAGGAAGGGGGCACAGTGGGCAGTGGGACAGCAGTGAGGAGGGGGAGGCAGAGAAGG
 AAGGAGGCACAGTGGGCAGTGGGACAGCAGTGAGAAGGGGGAGGCAGAGAAGGAAGAGGGCACAGTGGG
 TAGTGGGACAGCAGTGGGAGGGAGAAGAGCACTCGGTGAAGAGAAAAGCAAGGTCAGGACCCAGACC
 GAGAGTGGGAGGAGGCAGAACACAAGCAGCAGGATGACAGTAAACAGCACAGGAGCAAGCAGCTGCTC
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 CTCCAGGCAGGACAAAACACCAAAAGAGAGAGGAAGAGCCGCTCTTCCAACAAGAGCTCCAAGAACGGC
 CAGGCCCGAAGTTGTTTCATCTTATCAGATTCCAGTCCAGAACCACAGGTCAGAAGGGCAAGGCCGAA
 GTTCTCATCTTATCAGATTCCAGTCCAGAACCACAGGTCGGAAGGCTGCCTCTCGTGTGGAGAGGA
 CCACCCAGCTGTGGCTAGACTAAAGCGTTACATTCGAGCCTGTGGTGCCACCGAAACTACAAGAAGCTG
 CTGGGCTCTGCAGTCCCAAGGCGCGCTGAGTGTCTCAGGGCTGAGCTGGAAGCACTGGGCATGA
 AGGGGAACCTTCTTGGAGAAGTGTGCGCTCTGAAGCTGCAGCGGGAAGAGGCAGCTGAAGTGGCTGC
 CCTGGATGTTGCCAATCATCAGCAGTACAGGCCGCCACGAAGACGAAATGCCTGGAACCTTCAGGG
 GAAGGGACCTCCCAGGAGAGACTTATCGCCGAACCTGGACTCAGAAGAGGAGCAGCCGCGCAAGCAC
 CTCAGACTGGTCCCATATGCGTGATATCATCAGCAGTGACGGTGACAGCAGC

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Protein Sequence:

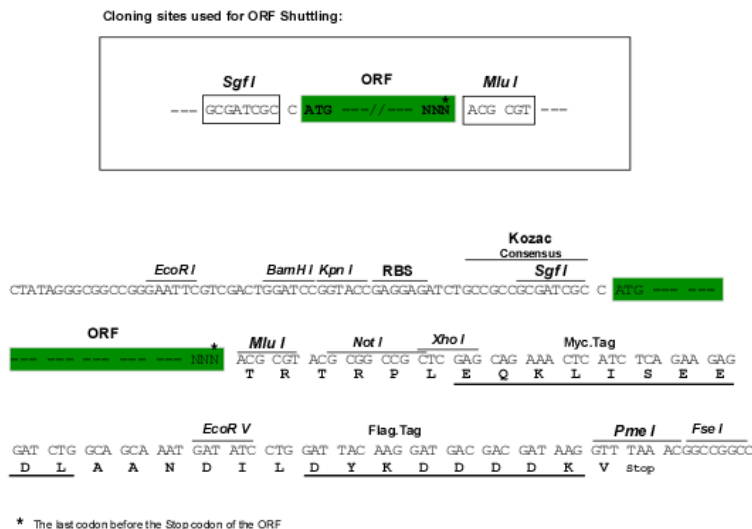
>MR209311 protein sequence
 Red=Cloning site Green=Tags(s)

MAPGDEMRFTRSFRRACPDLSVTHAIVRQKFLIHVGRDHPLEEKQALKRIVEEELPKMQADAGTREG
 KPDIKVKRSPAPCSDPKKKRFRFNSESSSSPSPDGSSTKNRTTKTCLRRALKKAVESTDEDHQ
 TDLDKMGLEESSEGEAEGSVRSKGVTEEEEDMKQEQQKQVRKQAGAKDKQVPLKADRKQVREESGSSE
 EAVLQRAKVEGSTGANQEESEESGEEPAKKKELSEPRSRNRAERTAREKSYKQSRPGRPTGGLRD
 SEAEKEGGTVGSGDSSEEGEAEKEGGTVGSGDSSEKGEAEKEGTVGSGDSSEEGEEHVKRKSVRTQT
 ESGRRQNTSSRDDSNTQEAAAQGTTKSGSLGSSNGDSDTEREVSDSQAGQNTKEERKSRSSNKSSKNG
 QARSSSSSDSSPEPTGQKQKARSSSSSDSGPEPTGRKAASRCGEDHPAVARLKRYIRACGAHRNYKLL
 LGSCSSSHKARLSVLRAELEALGMKGNPSLEKCRALKLQREEAAEVAALDVANIISSSTGRPRRRNAWNPSG
 EGTSPGETYRRLDSEEEQPRQAPPDWSHMRDIISSDGDSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_172746

ORF Size: 1806 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).

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_172746.3](#), [NP_766334.1](#)

RefSeq Size: 2511 bp

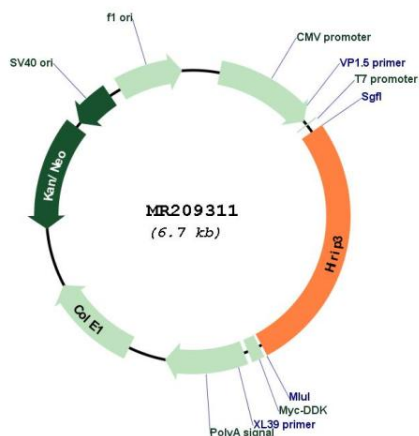
RefSeq ORF: 1806 bp

Locus ID: 233876

UniProt ID: [Q8BLH7](#)

Cytogenetics: 7 F3
MW: 65.2 kDa
Gene Summary: May play a role in chromatin function and histone metabolism via its interaction with HIRA and histones.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209311