

Product datasheet for **RN213094**

Hic2 (NM_001105862) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hic2 (NM_001105862) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hic2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213094 representing NM_001105862
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTTCTGGGCCCTGGCACTCCGGTGGTGCCCGTGGCGAGGGCACAGGGACATGGGGCCAGACATGG
 AGCTTCCAGCCATTCAAAACAGCTCCTGCTACAGCTGAACCAGCAGAGGGCCAAGGGCTTCTGTGTGA
 TGTCAATCATGGTGGAGAAGCTATCTTCCGGGCCACAAGAAGCTCCTGGCTGCTAGCAGCATCTAC
 TTCAAGTCCCTGGTCTGCATGATAACCTCATCAACCTAGACACAGACATGGTCAGCTCCACTGTGTTC
 AGCAGATCCTGGACTTCTACACGGGCAAGCTGCTGCCGGAGACCAGCCGTCGAGCCAAAATTCAAG
 CACTCTACTACTGCCGCCAGCTACCTCCAGCTGCCTGAGTTGGCAGCCCTCTGCCGCCGAAACTCAAG
 CGAGCCGCAAGCCCTTTGGCCCTGGACGAGTGGGTACTGCTGGCATGGGGCGGCAACCCGAGCCAGC
 GGCTGTCCACAGCCTCTGTATCCAGGCTCGGTATCCAGGGCTTGTGGATGGGCGGAAAGGACACCTGC
 TCCCCAGGAGCTCCCTCAGGCCAAGGGCTCAGATGATGAGCTTTCTGGGCAGCTCCACCCAGGAGAGC
 ACACACGGCCTGGGCTTGGGGGGCCAGCTGCTGGGGAGGTGGGCTTGGGGGGCTGCAGCACCAGACCA
 ATGGGAGCAGTGGGGCTGTGAACAGGAGCTGGGCTTGGACCTGTCCAAGAAGAGCCACCCTTACCTCC
 TACAACCCTGTCCCCACCTTACTCCTGAGGACCCAGCCAGCTGAGTGACAGCCAGCGAGAGTACCC
 CCGCCACGTCCACCTCTGCCCTGCCTGTGAGCAACAGTACCTCATATGTTGAGCTGGGGGCCACTCCTG
 ATGAGCCCATGGATCTGGAGGGGGCTGAGGAGAACCATCTGAGTCTGCTGGAAGGACAGGGTGGGCAGCC
 TCGGAAGAGCCTCCGGCATTAGCCCGAAAAAAGATTGGAACAAAAAGGAACCTGTGGCTGGTCCCCC
 TTTGATCGGAGAGAAACGGGGTCTAAGAGTTCTGCCAGGGGAAGAAGGTGAGGCGCCTGGGGACAGGG
 TTCCCAATGGTGTCTGGCTAGTAGTGCTGGTGGAGGTGGCCCAAGTCCCATCTACGGGGAGCCACC
 ATATCCCTGCAAGGAGGAGGAGGAGAACGCAAGATGTGAGTGAGGACAGTGGGCAGAGTGGGAGTGAG
 GGGGGCAGCGCCATACCGGTGGCGCCACTATGTGTACCGGCAGGAAGGCTATGAGACAGTGTATATG
 GGGACAACCTTTATGTGTATCCCTGTGCCAAGGGCTTCCCCAGCTCCGAGCAGCTCAATGCTCACGT
 GGAGACACACACAGAGGAGGAGTTATTCATCAAGGAGGAAGGGGCTTACGAGACCGGCAGTGGGGTGA
 GAGGAAGAAGCTGAGGACCTGTGACACCCAGCAGTACAGCCTATGCAGCTGAGCCTCGTCTTTCAAGT
 GCTCAGTTTGTGAGAAGACCTACAAGGACCCAGCCACTGCGGCAACACGAGAAGACACTGGTTGAC
 CCGTCCGTTCCCCTGCAACATTTGTGAAAGATGTTACACAACGAGGCACTATGACACGCCACATGCGG
 AGCCACCTGGGCCTGAAGCCCTTGCCTGTGATGAGTGTGGCATGCGTTTCACTGCCAGTACCGCCTCA
 CAGAGCAGATGCGTGTACTACTCGGGTGAAGCCCTATGAGTGCCAGCTCTGCGGGGCAAGTTCACCCA
 GCAGCGTAACCTCATCAGCCACCTGCGCATGCACAGTCCCTTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105862
- Insert Size:** 1869 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_001105862.1](#), [NP_001099332.1](#)

RefSeq Size: 4509 bp

RefSeq ORF: 1869 bp

Locus ID: 287940

Cytogenetics: 11q23