

## Product datasheet for **RN212730**

### **Hic1 (NM\_001107021) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hic1 (NM_001107021) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hic1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212730 representing NM\_001107021  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGACGCGATGGAGGCGCCTGGCCATTTCAGGCAGCTACTGCTGCAGCTCAACAACCAGCGCACCA  
 AGGGCTTCTTGTGCGACGTGATCATCGTGGTGCAGAACGCCCTTCCGCGCTCACAAAGACGTGCTGGC  
 AGCCAGCAGCGCTACCTCAAGTCCCTGGTGGTGCATGACAACCTGCTAAACCTGGACCATGACATGGTG  
 AGCCCGGCCGTGTTCCGCTGGTCTGGACTTCATCTACACCGGCCCTTACTGACAGTGTGAGGCCG  
 CAGCAGCGGGCGGTGGCCCCGGGCGCCGAGCCGAGCCTGGCGCTGTGCTGGCTGCTGCCAGTTACCT  
 GCAGATCCCTGACCTCGTGGCTCTGTGCAAGAAGCGCCTCAAACGGCATGGCAAGTACTGCCACCTGCGG  
 NNNNNNNNNNNNNNNNNNTCCGCCGCCGCCCTGCCGCCAGCCGCCGTGGGCCCGGAGGCAGCGG  
 TCAACACCCACTGCGCCGAGCTCTATGTTCCGGCCCGGGCCAGCAGCCTCACTCTGCCCCCGGAGCG  
 TCGCTGCTCCCGCTTTCGGCCTGGATCTGTCCAAGAAGAGCCGCCAGTTTCTCGGTCCCGGAGCGA  
 CCGCTTAGTGAGCGCAACTGCCTCCAGTCCGACAGCCCTCCGGGTGCGGGGCTGCAGTCTACAAGG  
 AGCCACCCTCACCTGCCGCCCTGCCCTTTGCCCTTCAAAGCTGGAGGAGGCCGTACCGACTCC  
 AGACCCGTTTCGAGGAAGCGGTGGCAGTCCGGGACCCGAGCCCCCGGCCCGCCGAGCGCTCCAGCCTC  
 CTCTACCGCTGGATGAAGCAGAGCCAGGCCTGGGTAGTTATGGCGACGAAGTGGTCCGGATCGAGGCT  
 CCCCAGGCGAGCGCTCGAGGAGCGGTGGGGATCCTGCCGCTCACCCGGGGTCCCCGCTCGGCCCT  
 GGTACCCCGCCACGCTATCCCGGAGCCTGGACGGCCAGGCACAGGAGCCGACGGCGACGACTACAAG  
 AGCAGCAGCGAGGAGACTGGTAGCAGCAGGACCCAGCCACCCGAGGCCACCTGGAGGGTACCCAT  
 GCCCGCACTTGGCTTATGGTGAAGCTGAGAGCTTGGTGACAACCTGTACGTGTGCATTCCATGTGGCAA  
 AGGCTTCCCGAGCTCGGAACAGCTGAATGCACACGTGGAGGCTCACGTGGAAGAAGAGGAGCGTGTAT  
 GGCAGGCGAGAAGCTGCTGAGGTGGTCTGCTGGGCGCCGCCCTCGGGCCCCCTTTGGTGGCGGTGGGG  
 ACAAGGTGCTGGGCCGCCGGTGGCTAGGAGAGTCTGCGGCCGTACCGCTGCGCGTCTGTGACAA  
 GAGCTACAAGGACCCGGCCACGCTGAGGCGAGCAGAGAAGACACACTGGTGTGACGAGGCCCTATCCGTG  
 ACCATCTGCGGAAGAAGTTCACGCAACGCGGAACCATGACACGCCATATGCGCAGCCACTTGGGCCTAA  
 AGCCCTTTCGCTGCGACGCGTGGCATGCGCTTACCCGCCAGTACCGCTCACGGAGCACATGCGCAT  
 CCACTCGGAGAGAAGCCCTACGAGTGCAGGTGTGCGGTGGCAAGTTTGTCAACAGCGCAACCTCATC  
 AGTCATATGAAGATGCACGCTGTAGGTGGCGCGCCGGCGCGGCCGGGGCGCTGGCTGGCCTGGGAGGAC  
 TACCTGGCGTCCCTGGCCGGAGCGCAAGGGCAAGCTGGACTTCCCTGAGGGCGTCTTTCGCTGTGCCCCG  
 CCTCACAGCTGAACAGCTAAGCCTGAAGCAGCAGGACAAGGCAGCAGCTGCCGAGCTGCTGGCACAGACC  
 ACGCACTTCTGCACGACCCCAAGGTGGCGCTCGAGAGCCTTACCCGCTGGCCAAATCACTGCAGAGC  
 TAGGACTCAGCCCGGATAAGGCGGAGAGGTGCTGAGCCAGGGCGCGCACCTGGCCGAGGACCGGACAG  
 CCGGACCATTGACCGTTTCTCTCCCGCTAG

AGCGGACCGACGCGTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001107021

**Insert Size:** 2061 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\_001107021.1, NP\_001100491.1

**RefSeq Size:** 3411 bp

**RefSeq ORF:** 2061 bp

**Locus ID:** 303310

**Cytogenetics:** 10q24