

Product datasheet for **MC219689**

Hic2 (NM_178922) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hic2 (NM_178922) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hic2
Synonyms:	AA409108; HRG22; mKIAA1020
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219689 representing NM_178922
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTTCTGGGCCCTGGCACTCCGGTGGTGCCCGTGGCGAGGGCACAGGGACATGGGGCCAGACATGG
 AGCTTCCAGCCATTCAAACAGCTCCTGCTACAGCTGAACCAGCAGAGGGCCAAGGGCTTCTGTGTGA
 CGTCATCATCATGGTGGAGAAGCTATCTTCCGGGCCACAAGAATGTCCTGGCTGCTAGCAGCATCTAC
 TTCAAGTCCCTGGTCTGCATGATAACCTCATCAACTTAGACACAGACATGGTCAGCTCCACTGTGTTC
 AGCAGATCCTGGACTTCTACACAGGCAAGCTCCTGCCAGTGACCAGCCATCTGAGCCAAACTTCAG
 CACTCTACTCACTGCTGCCAGCTACCTCCAGCTGCCTGAGTTGGCAGCCCTCTGTCGCCGCAAATGAAG
 CGAGCTGGCAAGCCCTTGGCCCTGGACGAGTGGGTACTGCTGGCATAGGGCGACCAACCCGCAGTCAGC
 GGCTGTCCACAGCCTCTGTCATCCAGGCTCGATTTCCAGGGCTTGTAGATGTGCGTAAAGGACACCTGTC
 TCCCCAGGAGCTCCCTCAGGCCAAAGGCTCAGATGATGAGCTTTTCTGGGCACCTCCACTCAGGAGAGC
 ACACACGGCCTGGGCTTGGGGGGTCCAGCTGGTGGGGAGATGGGCTTGGGGGGCTGCAGCACCCAGCACCA
 ATGGGAGTAGTGGGGGCTGTGAGCAGGAGCTGGGCTTGGACCTGTCCAAGAAGAGCCACCTTACCTCC
 TACAACCCTGGCCCCACCTCACACCCGAGGACCCAGCCAGCTGAGTGACAGCCAGCGAGAGTCAACC
 GCACCCACATCGACCTCTGCCCTGCCTGTCCGCAATAGTGCCTCATTTGTTGAGCTGGGGGCCACTCCTG
 AGGAGCCCATGGATGTGGAAGGGGCTGAGGAAAACCACTGAGTCTGCTGGAAGGACAGGGTGGGCAGCC
 TCGCAAGACCTCCGGCATTAGCCCGCAAAAAGATTGGAACAAAAGGAACCTGTGGCTGGTCCCCC
 TTTGATAGGAGAGAAAACAGGATCTAAGGGTCTGCCCCAGGGGAAGAAGGTGAAGGACTGGGGACAGGG
 TTCCCAATGGCGTTCTGGCTAGCAGTGTGGTGGAGGTGGCCCCAGTGCATCGTATGGGGACAGTCATT
 CCCTGCAAGGAGGAGGAGGAGAATGGCAAAGATGGGAGTGAGGACAGTGGGCAGAGTGGGAGTGAGGGG
 GGCAGCGCCATACTGGCGCCACTATGTATACCGGCAGGAAGGCTATGAGACAGTGTATATGGGGACA
 ATGTTTATGTGTGCATCCCTGTGCCAAGGGCTTCCCCAGCTCTGAGCAGCTCAATGCTCACGTGGAGAC
 ACACACGGAGGAGGAGTTATTCATCAAGGAAGAAGGGGCTTATGAGACCGGCAGTGGGGTGGCAGGAG
 GAGGCTGAGGACCTGTCAACACCTAGTGCAGCCTACACAGCTGACTCTCGTCTTTCAAGTGCTCAGTTT
 GTGAGAAGACCTACAAGGACCCAGCCACACTGCGGCAACACGAGAAGACACACTGGTTGACCCGTCGGTT
 CCCCTGCAACATTTGTGAAAGATGTTACACAGCGAGGCACTATGACACGCCACATGCGGAGCCACCTG
 GGCTGAAGCCCTTGCCTGTGATGAGTGTGGTATGCGTTTCACTCGCCAGTACCGCCTCACAGAGCACA
 TCGGTGTGCACTCAGGTGAGAAGCCCTATGAGTGCAGCTCTGTGGAGGCAAGTTCACCCACAGCGCAA
 CCTCATCAGCCACTGCGCATGCACACTTCCCCTTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_178922

Insert Size: 1860 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_178922.3](#), [NP_849253.2](#)

RefSeq Size: 6360 bp

RefSeq ORF: 1860 bp

Locus ID: 58180

UniProt ID: [Q9JLZ6](#)

Cytogenetics: 16 A3

Gene Summary: Transcriptional repressor.[UniProtKB/Swiss-Prot Function]