

Product datasheet for **SC120943**

HIC2 (NM_015094) Human Untagged Clone

Product data:

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|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | HIC2 (NM_015094) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | HIC2 |
| Synonyms: | HRG22; ZBTB30; ZNF907 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015094, the custom clone sequence may differ by one or more nucleotides

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ATGGTGTCTGGGCCCTTGGCACTCCGGTGGTGC GCGTGGGCGAGGGCGGGGACATGGGGCCGACATGG
AGCTGCCAGCCACTCGAAGCAGCTCCTGCTGCAGCTGAACCAGCAGAGGACCAAGGGCTTCTGTGTGA
CGTCATCATCATGGTGGAGAATCCATCTTCCGGGCCACAAGAACGTCCTAGCCGCCAGCAGCATCTAT
TTCAAGTCCCTGGTCTGCACGACAACCTCATCAACCTGGACACAGACATGGTCAGCTCCACAGTGTCC
AGCAGATCTTGGACTTCTACTACACAGGCAAGCTGCTGCCAGCGACCAGCCAGCCGAGCCAACTTCAG
CACCTCCTCACTGCCGCCAGCTACCTCCAGCTGCCCGAGTTGGCAGCCCTCTGCCGCCGCAAACCTCAAG
CGAGCCGGAAGCCCTTTGGCTCTGGGAGGGCGGGTCCACTGGCATGGGGCGGCCCCCCCGCAGCCAGC
GGCTGTCCACGGCCTCTGTATCAAGCTCGGTATCAGGGGCTCGTGGATGGGCGCAAGGGGGCCACGC
CCCCAGGAGCTCCCCAAGCCAAAGGCTCAGACGATGAACTCTTTCTTGGTGGCTCTAACAGGATAGC
GTGCAAGGTCTGGGCCGGGCTGTCTGCCAGCTGGCGGGAGGCGGGTCTGGGGGCTGCAGCAGCAGCA
CCAACGGGAGCAGCGGGGCTGCGAGCAGGAGCTGGGCTTGGACCTGTCCAAGAAAAGCCACCCTTGCC
CCCTGCCACCCAGGTCCCCACCTCACTCCCGATGACGCAGCCAGCTGAGCGACAGCCAACATGGCTCG
CCCCCTGCGGCCTCTGCTCCTCCCGTTGCCAACAGTGCCTCTTATTCTGAGCTGGGGGGCACCCCTGATG
AGCCCATGGATCTGGAGGGGGCCGAGGACAACCACCTGAGCCTGCTGGAGGCGCCTGGTGGGCAGCCTCG
GAAGAGCCTCCGGCACTCCACTCGGAAGAAGGAGTGGGGCAAGAAGGAGCCTGTGGCTGGCTCCCCCTT
GAGCGGAGAGAAGCAGGGCCCAAGGGTCCCTGCCCGGAGAGGAGGGTGGGGGGTGGGGACAGGGTTC
CCAATGGCATCCTGGCTAGTGGGGTGGCCCTAGCGGGCCCTATGGGAGCCCCCTACCCTGCAAGGA
GGAGGAGGAGAACGGCAAGGATGCAAGTGAAGACAGTGCAGAGCGGGAGCGAGGGGGGCGAGCCGCAT
GCCAGCGCCACTACATGTACCGCAGGAGGGCTACGAGACGGTGTCTACGGGACAACCTGTATGTGTG
GCATTCCTGCGCAAGGGCTTCCCAGCTCTGAGCAGCTCAATGCGCAGTGGAGACTCACACGGAGGA
AGAGCTGTTTCAAGGAAGAGGGGGCCTACGAGACAGGCAAGTGGGGTCCGAGGAGGAGGCGGAGGAC
CTGTACGACCCAGTGGCCCTACACGGCTGAGCCCCGGCCCTTCAAGTGTTCGGTCTGCGAGAAGACCT
ACAAGGACCCAGCCACGCTGCGGCAGCAGAGAAGACGCACTGGCTGACACGGCCCTTCCCTGCAACAT
CTGTGGCAAAATGTTACGCGAGCGGGCACCATGACGCGTACATGCGGAGCCACCTGGGCTGAAGCCC
TTCGCTCGCATGAGTGTGGCATGCGCTTACCCGTCAGTACCGCCTCACGGAGCACATGCGTGTGCACT
CGGGCGAGAAACCTTACGAGTGCAGCTGTGCGGGGGCAAGTTACCCAGCAGCGCAACCTCATAGCCA
CCTGCGCATGCACACCTCCCCCTCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015094 unedited

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GCCGCGATTCCGACAGGAGATGGCGCTGGGCGGGCGGCTGTGAGCGGCGCTCGGGGG
CGTAGGGGGGAGCCGAGCCGGGCTGGCGGACGGCGGACGGGGCGGGCGCTGCGGGC
GAGCCGGGCGCTGAGGACAAGGGCCGCTGGTAGGGCCGGCCGGCCGGCGGGAGCGCC
GCCGCCGACGCACAGAGGTGACCAGGCATTGATGCACCCAGGAAGGCCACGCGCTCA
GGAGGCCCCCCCGCTGGCTGCTGCTCACATGGTGTCTGGGCCCTTGGCACTCCGTTT
ATGCGGGAGATGACAGGGGCTGGCACATGACAGTGGAGCAGAAATTTGGCCTGTTTTCTG
CTGAGATAAAGGAAGCAGACCCCTGGCTGCCTCGGAAGCAAGTCAACCCAAACCCTGTC
CCCCGAAGTGACCCCCACTACATCTGGATCGACTTCTGGTGCAGCGGTTTGAGATCG
CCAAGTACTGCAGCTCTGACCAAGTGGAGATCTTCTCCAGCCTGCTGCAGCGCTCCATGT
CCCTGAACATCGGACGGCCAAAGGGGAGCATGAACCGGCAGTGGCGGCCATCGGGCCCC
GCTTCAAGCTGCTGACCTGGGGTGTCCCTCCTGCATGCCGATGTGGTTCCAAATGCAA
CCATNCGCAATGTGCTTCGCGAGAAGATCTACTNCACTGNCTTTGACTACTTCAGCTGTC
CCCCAAAGTTTACTCAAGGANANAANCGGCTGCGTGAACCTAANCTTATGATTNAA
TTTTGGACCGCCTGTTCTANANAAAANTACCTGACCGNCANCAACTTGTTCCTCCACTG
AATTGGG
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_015094

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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insert Size: | 2400 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: | <ol style="list-style-type: none">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_015094.1 , NP_055909.1 |
| RefSeq Size: | 6794 bp |
| RefSeq ORF: | 1848 bp |
| Locus ID: | 23119 |
| UniProt ID: | Q96JB3 |
| Cytogenetics: | 22q11.21 |
| Protein Families: | Transcription Factors |
| Gene Summary: | Transcriptional repressor.[UniProtKB/Swiss-Prot Function] |