

Product datasheet for **SC122832**

HIC5 (TGFB111) (NM_015927) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIC5 (TGFB111) (NM_015927) Human Untagged Clone
Tag:	Tag Free
Symbol:	HIC5
Synonyms:	ARA55; HIC-5; HIC5; TSC-5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015927 edited
 CCACGCGTCCGGACCTGGATGCCCTGCTCTGACCTGGAGACTACCACCTCGCACATGC
 CAAGGTGACGGGGCTCCCAAAGAGCGCCCTGCGGAGCCTCTCACCCCTCCCCATCCTATG
 GCCACCAGCCACAGACAGGGTCTGGGGAGTCTTCAGGAGCCTCGGGGACAAGGACCACC
 TGTACAGCACGGTATGCAAGCCTCGTCCCAAAGCCTGCAGCCCCGGCGGCCCTCCAT
 TCTCCTCTCCAGCGGTGCTTGGGTACCGGGCTCTGTGAGCTAGATCGGTTGCTTCAGG
 AACTTAATGCCACTCAGTTCACATCACAGATGAAATCATGTCTCAGTCCCATCTAGCA
 AGGTGGCTTCAGGAGAGCAGAAGGAGGACCAGTCTGAAGATAAGAAAAGACCAGCCTCC
 CTTCAGCCCGTCTCCTGGCCTCCCAAAGGCTTCTGCCACCTCAGCCACTCTGGAGCTGG
 ATAGACTGATGGCCTCACTCTGACTTCCGCGTTCAAACCATCTTCCAGCCTCTGGGC
 CAACTCAGCCACCGGTGGTGAGCTCCACAAATGAGGGCTCCCCATCCCCACCAGAGCCGA
 CTGGCAAGGGCAGCCTAGACACCATGCTGGGGCTGCTGCAGTCCGACCTCAGCCGCGGG
 GTGTTCCACCCAGGCCAAAGGCCTCTGTGGCTCTGCAATAAACCTATTGCTGGGCAAG
 TGGTGACGGCTCTGGGCCGCGCTGGCACCCGAGCACTTCGTTTGGGAGGCTGTTCCA
 CCGCCCTGGGAGGCAGCAGCTTCTCGAGAAGGATGGAGCCCCCTCTGCCCCGAGTGCT
 ACTTTGAGCGCTTCTCGCAAGATGTGGCTTCTGCAACCAGCCATCCGACACAAGATGG
 TGACCCGCTTGGGCACTCACTGGCACCCAGAGCATTTCTGCTGCGTCAGTTGCGGGGAGC
 CCTTCGGAGATGAGGGTTTCCACGAGCGCGAGGGCCGCCCTACTGCCGCGGGACTTCC
 TGCAGCTGTTCCGCCCGCTGCCAGGGCTGCCAGGGCCCCATCCTGGATAACTACATCT
 CGGCGCTCAGCGCGCTCTGGCACCCGACTGTTTCTGCTGCAGGGAAATGCTTCGCGCCCT
 TCTCGGGAGGCAGCTTTTTCGAGCACGAGGGCCGCCCTGTGCGAGAACCACTTCCACG
 CACGACCGGCTCGCTGTGCCACGCTGTGGCCTCCCTGTGACCGGCCGCTGCGTGTGCG
 CCCTGGGTGCGCCGTTCCACCCGGACCACTTACATGCACCTTTCGCTGCGCCCGCTCA
 CCAAGGGTCTTCCAGGAGCGCCGCGCAAGCCCTACTGCCAGCCTGCTTCTGGAAGC
 TCTTCGGCTGACAGCCGCTCGGCTCGCCCTCTCCCCGAGGGCCGCGCCCTCCCGAAA
 AGCCGGGTCTCCAGACCCGAGGCCTTCTCAGAGCGGGAGGCCCAACCACTGGAG
 AGCCCCGCCCTAAGGTACTATGAGTCTCAGGGTCAAGTTCAGAAAACGCCAGCCAG
 ACCTAAACCCACAGCCCAAAAGTGGATTGCACACAGACAAGAAGTCCCGTGGGGCT
 CCACTCTATTCCACCCTTGAGGGAGCCCCCTTACTGGGGAGGGTCTTGAATCCAG
 CGAATCGGAGGCCAGGCCAGGACGTCCTTGTCCCTGCACCTCACTGTTCTGTGCACTT
 TTTCTACCTACATAAACACACGCATTCCACCTCAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_015927 unedited
 GTTTTTCCATTTTGTAAAAACGCATTTCACTATTAGGGACGGCACGCGNAATCCCGGG
 NAATCGTCGACCCACGCTCCGGACCTGGNTGCCCTGCTCTGACCTGGAGACTACCAC
 CTCGCACATGCCAAGGTGAGGGCTCCCAAAGAGCGCCCTGCGGAGCCTCTCACCCCTCC
 CCCATCCTATGGCCACCAGCCACAGAGGGTCTGGGGAGTCTTCAGGAGCCTCGGGGGA
 CAAGGACCACCTGTACAGCACGGTATGCAAGCCTCGTCCCAAAGCCTGCAGCCCCGGC
 GGCCCTCCATTCTCTTCCAGCGGTGCTTGGGTACCGGGCTCTGTGAGCTAGATCG
 GTTGCTTCAGGAACCTAATGCCACTCAGTTCACATCACAGATGAAATCATGTCTCAGTT
 CCCATCTAGCAAGGTGGCTTCAGGAGAGCAGAAGGAGGACCAGTCTGAAGATAAGAAAAG
 ACCCAGCCTCCCTTCCAGCCGCTCTCCTGGCTCCCAAAGGCTTCTGCCACCTCAGCCAC
 TCTGGAGCTGGATAGACTGATGGCCTCACTCTGACTTCCGCGTTCAAACCATCTTCC
 AGCCTCTGGGCAACTCAGCCACCGGTGGTGAGCTCCACAAATGATGGCTCCCCATCCCC
 ACCAGAGCCGACTGGCAAGGGCAGCCTAGACACCATGCTGGGGCTGCTGCAGTCCGACCT
 CAGCCCGCGNGTGTCCCCACCCAGCCAAAGCCTCTGNTGCTCCTGCAATANACCTATT
 GCTGNNGCAGTGGTGACGGCTCTGGGCCGCGCCTGGCACCCGAGCACTTCGTTTGCNGA
 GGCTGNTCCACCCGCCCTGGGAGCAGCAGCTTCTCGAGAAGGATGGAGCCCTTTCTG
 CCCGAGTGCTACCTTGAGCGCTTCTCGCCNAGATGTGGCTTTCTGCACCAGCCCATCCG

Restriction Sites: Please inquire
ACCN: NM_015927

Insert Size:	1790 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:	<u>NM_015927.3</u> , <u>NP_057011.2</u>
RefSeq Size:	1824 bp
RefSeq ORF:	1335 bp
Locus ID:	7041
UniProt ID:	<u>O43294</u>
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a coactivator of the androgen receptor, a transcription factor which is activated by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding region, and initiates translation at an alternate start codon compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1. Variants 2 and 3 encode the same protein.</p>