

Product datasheet for **SC210614**

HOXC5 (NM_018953) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: HOXC5

Synonyms: CP11; HOX3; HOX3D

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_018953

Insert Size: 899 bp

Insert Sequence: >SC210614 3'UTR clone of NM_018953
The sequence shown below is from the reference sequence of NM_018953. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TCCAAAATGAAAGCAAAGAGGCTCTTAGAGGCAGCGGGGAGGCCCGCAGAGCGCGCCCTAGCCGG
TTCTGTCCCTGCGCCTTTCTTTTCGCCTTTCTCTCTATATTTGGGTGGGGGAGGTGCTGGAGC
ACTGGGCTCCCGGGCCCCACAGACAAAAGCGCTTTTCTTGGCATTCCGCATCCCTACCGACCCAGGGT
TCCCGCGGGGCTGTCGGCGCTGCCCATCTCCCTCAGCTCGGCTCAGCTCGGTACCCGGGGGCCAGGG
CAAGCTCCGCAGGACTTCCCGGAGGGCTGCGGCGTACAGGCTGGCGCAGAACGAACCTTGGCCTGGGC
CGTATCTCCGGTCCAGCCTCAGCGCGGCCCTCCCGAGTTAAGGTGGGCCCGGCCCGCCACAGGAC
CCTCGCCGACCTCTAACCTCGCCTCTCCTTTGTTCCCGGCTGGACGGGTTAGACAGCCAAAGGCTG
GCGAGAGTCTGGCCCTAGACTCGGGGTGCTTCTTGTAGCGACTAACTAGATTTCACTTATGAATGA
TTTGATATGAAAGGAGAGCATCGGCCTAGGGCCCCACAGTTGCTCTATGCTTTCCAAACCTTATCTC
CACAACCTCTTCCCCCAAACCCGGGAACCTCCCGAGCCTGCGCCTGCTGCATGCCCTCTCAGGCCGG
CAGCCCCAGCCTGCTAGCTAGCTCACTAGTGGGGTTTCTGGCACTGGACCCAGCAAGTGGTCTAG
AGGCCCTTTGCTGTCCCATAGTCCCTGCCACGAATTTCTGTGCCCTCCTGACCCATTGCTGTTGCCAA
CTATTTATTGACTCTGGGTCTTCTGAACTATATTTGTATATCAAATAAGAGAGAACAGGACTA
AA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018953.4</u>
Summary:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC5, is one of several homeobox HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Two alternatively spliced variants have been described for HOXC5. The transcript variant which includes the shared exon apparently doesn't encode a protein. The protein-coding transcript variant contains gene-specific exons only. [provided by RefSeq, Jul 2008]
Locus ID:	3222
MW:	33