

## Product datasheet for **SC217115**

### SOX5 (NM\_006940) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SOX5 (NM_006940) Human 3' UTR Clone
Symbol:	SOX5
Synonyms:	L-SOX5; L-SOX5B; L-SOX5F; LAMSHF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006940
Insert Size:	2000 bp



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**Insert Sequence:** >SC217115 3'UTR clone of NM\_006940  
 The sequence shown below is from the reference sequence of NM\_006940. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAAACCATATTGCAGGACAAGCCAACTGATAAGGGTCAAAGATTGTTGTGACCTTAGGACTTAAAGA
AGCCCTAACTGGTTCATCCTTACCAAGTGGCCAAGCACATTAACCTTCTCATACTACTGACTGTTACTTTA
ACTGTTAGTCTTAAATAGTTGGGACATCAGCTGACTAATAGACCTCAGCCTCAAAGGCTTGAAAAGAA
AAAACAAATACAACAAGCAAACAACAATATCAACAACAAGAGATTGAAATAGCTATGGGTAATAAT
GCCAGTAATTCAGCTGTACATCCAAGCACTGAAGTCTTACCCGCAACTTTTTTTTTTTTTTAAATAA
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TGTAATGTGTTTGTGTTTGTGCTACAATTTTTAAAAAGAAAAAGTTTTGTTTGTGTTTGGGG
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AAAAGAAAAATGAATTTCTTTTACTTCTCTCCACCTTCTCCATCTCTACTTTAAAGATGGAAGTCT
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TTATTTCTTTAGAGGACTTTATCTATTGCACACCACTACATCTTTGAGCAAGTGCCAAATTTGTAC
TGAAGTGTGACCAAGTTCATTTTTCTTTACTTTTTCTTTTCTTTCTTTCTTAAAGTAGGACAGTGTTA
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CATTTTTTTCAGACAAATAGAATTAGCTTATTTCTTCAACATTCATCTTTCCCGATCAGGAAATGAAA
CTGATGATTTTAAAGTATTTTCAACCCTCCATGAAGTGAGGTGGAGGCCCTTAGCATTTTCAGAAAGT
GTGGGCCATATGTAGTTCATGCCATAAAAAGTAGGATTTAATTAAGTCAATGCAGCCCAATAAATG
GAGCCTGGCTGCACCCAGGGATCCTTGCCACTGCTCTTCCCTGTGTGATTAATCCACTGAAGTCC
AACTTTGGTTCAAGCAGAGTATTTGCAAAGAGCAACAACCTGAATGTGATGGGACTGCTTATGTAGATTT
TGCCAGCCAAATGCCAAGGCAGTTGTAGGGCTGTACAAATAAATGCAAATCATTTCAGTCAATTGC
CATTATTTGATTTGAAGTATCAGATAGATAGTAAACTGCAACTAGTAGCTTGTGTGCTATAGTTTT
CACTCCAGTCATCTTTCTATCTCACCCTCGAAACACCACCTAAAGTTGGATTTTTACATATAAA
TAAAAAAGAATCCCTTTATTTTTCTCTCTCAGAAGACTTGCTCTGGGGTTTTGCTTGGAGGAGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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.

**RefSeq:** [NM\\_006940.6](https://.ncbi.nlm.nih.gov/nuccore/NM_006940.6)

**Summary:** This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 6660

**MW:** 76.6