

## Product datasheet for **SC213143**

### SOX10 (NM\_006941) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SOX10 (NM\_006941) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SOX10  
**Synonyms:** DOM; PCWH; WS2E; WS4; WS4C  
**ACCN:** NM\_006941  
**Insert Size:** 1213 bp  
**Insert Sequence:** >SC213143 3'UTR clone of NM\_006941  
The sequence shown below is from the reference sequence of NM\_006941. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGTATATACGACTGTCCCGGCCCTAAAGGGGGCCCTGTGCCACCACCCCCGCCAGCCCCTGC
CCCCAGCCTGTGTGCCCTGTTCCTTGGCCACCTCAGGCCTGGTGGTGGCAGTGGAGGAGGCTGAGGAGG
CTGAAGAGGCTGACAGGTCGGGGGGCTTTCTGTCTGGCTCACTGCCCTGATGACCCACCCGCCCATCC
AGGCTCCAGCAGCAAAGCCCCAGGAGAACAGGCTGGACAGAGGAGAAGGAGGTTGACTGTTGACCCAC
ACTGAAAGATGAGGGGCTGCACCTTCCCCAGGAATGACCCTCTATCCCAGGACCTGAGAAGGGCCTGC
TCACCCTCCTCGGGGAGGGGAAGCACCAGGGTTGGTGGCATCGGAGGCCTTACCCTCCTATGACTCCT
GTTTTCTCTCACAGATAGTGAGGGTCTGACATGCCATGCCACCTATGCCACAGTGCCTAAGGGCTA
GGCCACCAGAGACTGTGCCCGAGCTGGCCGTGTCTCCCACTCAGGGGCTGAGAGTAGCTTTGAGGAG
CCTCATTGGGGAGTGGGGGTTGAGGGACTTAGTGGAGTTCTCATCCCTTCAATGCCCCCTCCCTTTC
TGAAGGCAGGAAGGAGTTGGCACAGAGGCCCTGATCCAATTCTGTGCCAATAACCTCATTCTTTGTC
TGAGAAACAGCCCCAGTCTCCTCCACTACAACCTCCATGACCTTGAGACGCATCCCAGGAGGTGACG
AGGCAGGGGCTCCAGGAAAGGAATCAGAGACAATTCACAGAGCCTCCCTCCCTGGGCTCCTTGCCAGCT
CCCTCTCCCTTACTAGGCTCTATGGCCCTGCTCAGTCAGCCCCACTCCCTGGGCTTCCCAGAGAGTG
ACAGCTGCTCAGGCCCTAACCTTGGCTCCAGGAGACACAGGGCCAGCACCCAGGTTGCTGTGGCAG
GCTGAAGACACTAGAATCCTGACCTGTACATTCTGCCCTTGCCCTTACCCTTGGCTCCCAGTGGTAT
TTGAATAAAGTATGTAGCTATATCTGCCCTATTTTCTGTTCTGAGCCCCCAAAATCCACATGTAAC
TCATTACTGTCTCCTGTTATTTATCTCAGTAGTCCCCTCTCTAGCCACTCTAGCCCCTATTAACCTCTG
CATTAAAGCATTCCACATAATAAAATTAAGGTTCCGGTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCCACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_006941.4</a>
<b>Summary:</b>	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 activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	6663
<b>MW:</b>	44.1