

Product datasheet for **SC303275**

SOX11 (NM_003108) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SOX11 (NM_003108) Human Untagged Clone
Tag: Tag Free
Symbol: SOX11
Synonyms: CSS9; MRD27
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003108 edited
AGCCCTGCAGCGGATCATGGTGCAGCAGGCGGAGAGCTTGAAGCGGAGAGCAACCTGCC
CCGGGAGGCGCTGGACACGGAGGAGGGCGAATTCATGGCTTGCAGCCCGTGGCCCTGGA
CGAGAGCGACCCAGACTGGTGAAGACGCGCTCGGGCCACATCAAGCGGCGATGAACGC
GTTTCATGGTATGGTCCAAGATCGAACGCAGGAAGATCATGGAGCAGTCTCCGGACATGCA
CAACGCCGAGATCTCAAGAGGCTGGGCAAGCGCTGAAAATGCTGAAGGACAGCGAGAA
GATCCCGTTCATCCGGGAGGCGGAGCGGCTGCGGCTCAAGCACATGGCCGACTACCCCGA
CTACAAGTACCGGCCCGGAAAAAGCCAAAATGGACCCCTCGGCCAAGCCAGCGCCAG
CCAGAGCCAGAGAAGAGCGCGGCGGCGGCGGCGGCGGAGCGGGCGGAGGCGCGGG
CGGTGCCAAGACCTCAAGGGCTCCAGCAAGAAATGCGGCAAGCTCAAGGCCCGCGGG
CGCGGGCGCCAAGGCGGCGGCGGCAAGGCGGCCAGTCCGGGGACTACGGGGCGCGGG
CGACGACTACGTGCTGGGCAGCCTGCGCGTGAGCGGCTCGGGCGGCGGCGCGGGCAA
GACGGTCAAGTGCCTGTTTCTGGATGAGGACGACGACGACGACGACGACGACGACGAGCT
GCAGCTGCAGATCAAACAGGAGCCGGACGAGGAGGACGAGGAACACCGCACCAGCAGCT
CCTGCAGCCCGGGGCGAGCAGCCGTGCGAGCTGCTGAGACGCTACAACGTGCGCAAAGT
GCCCGCCAGCCCTACGCTGAGCAGCTCGGCGGAGTCCCCGAGGGAGCGAGCCTCTACGA
CGAGGTGCGGGCGGCGCGACCTCGGGCGCCGGGGCGGCGAGCCGCTCTACTACAGCTT
CAAGAACATCACCAAGCAGCACCCGCGCCGCTCGCGCAGCCCGCGCTGTGCGCCGCGTC
CTCGCGCTCGGTGTCCACCTCCTCGTCCAGCAGCAGCGGACGAGCAGCGGCGGAGCGG
CGAGGACGCCGACGACCTGATGTTGACCTGAGCTTGAATTTCTCTCAAAGCGCGCACAG
CGCCAGCGAGCAGCAGCTGGGGGCGGCGGCGGCGGCGGGAACCTGTCCCTGTGCTGCT
GGATAAGGATTTGGATTCGTTACGCGAGGGCAGCCTGGGCTCCCCTTCGAGTTCCCGA
CTACTGCACGCCGAGCTGAGCGAGATGATCGCGGGGACTGGCTGGAGGCGAACTTCTC
CGACCTGGTGTTACATATTGAAAGGCGCCGCTGCTCGCTCTTCTCTCGGAGGGTGCA
GAGCTGGGTTCTTGGGAGGAAGTTGTAGTGGT

Restriction Sites: Please inquire



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ACCN:	NM_003108
Insert Size:	1400 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003108.3.
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_003108.3</u> , <u>NP_003099.1</u>
RefSeq Size:	8737 bp
RefSeq ORF:	1326 bp
Locus ID:	6664
UniProt ID:	<u>P35716</u>
Cytogenetics:	2p25.2
Protein Families:	ES Cell Differentiation/IPS, Induced pluripotent stem cells
Gene Summary:	This intronless 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 protein may function in the developing nervous system and play a role in tumorigenesis. [provided by RefSeq, Jul 2008]