

Product datasheet for **SC303675**

SOX3 (NM_005634) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SOX3 (NM_005634) Human Untagged Clone
Tag: Tag Free
Symbol: SOX3
Synonyms: GHDX; MRGH; PHP; PHPX; SOXB
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005634 edited
 CCGGGGAATCCGAGCAGGTATATAAGGGGCCAGCTAGAGCCCAGGCAGACTGTGAATGC
 GACCTGTTGAGAGAAGCTCATCAGGTGCGAGAAGCCCGGGTTCTGCTGATTTGGCGC
 GGAGCATTTTGATAAGCCTACCCTTCCCGCCGGACTCGCTGGCCACAGGCCCAAGCT
 CCGCTCCGACGGAGTCCCAGGGCCTTTTACCCTGGCCGCTCCAGCCCCGGGAGCGCCTT
 CTCCTCCCGCCACGCTGGCGCACCTTCTCCCGCCCCGGCAATGTACAGCCTTCTGGAGA
 CTGAACTCAAGAACCCCGTAGGGACACCCACACAAGCGGCGGGCACCGGCGGCCCGCAG
 CCCCAGGAGGCGCAGGCAAGAGTAGTGCGAACGCAGCCGGCGGCGCAACTCGGGCGGCG
 GCAGCAGCGGTGGTGGCAGCGGAGGTGGCGGGGTACAGACCAGGACCGTGTGAAACGGC
 CCATGAACGCCTTCATGGTATGGTCCCAGCGGCGAGCGGCGCAAAATGGCCCTGGAGAACC
 CCAAGATGCACAATTCTGAGATCAGCAAGCGCTTGGGCGCGACTGGAAACTGCTGACCG
 ACGCCGAGAAGCGACCATTCATCGACGAGGCCAAGCGACTTCGCGCCGTGCACATGAAGG
 AGTATCCGGACTACAAGTACCGACCGCGCCGAAGACCAAGACGCTGCTCAAGAAAGATA
 AGTACTCCCTGCCAGCGGCCTCCTGCCTCCCGGTGCCGCGGCCCGCCCGCCGCTGCCG
 CGGCCGACGCCGCTGCCGCCAGCAGTCCGGTGGGCGTGGGCCAGCGCCTGGACACGTACA
 CGCAGGTGAACGGCTGGGCCAACGGCGCGTACTCGCTGGTGCAGGAGCAGCTGGGCTACG
 CGCAGCCCCGAGCATGAGCAGCCCGCCGCGCCCGCCGCGCTGCCGCCGATGCACCGCT
 ACGACATGGCCGGCCTGCAGTACAGCCCAATGATGCCCGCCGGCGCTCAGAGCTACATGA
 ACGTCCGTGCCGCGCCCGCCCGCTCGGGCTACGGGGGCACTGGCGCCCTCAGCCACAG
 CAGCCCGCGCCCGCCCTACGGGCAAGCAGCCCGCCACCGCCGCGCCGCGAGCTGCCGCGC
 CAGCCCGCATGAGCCTGGGCCCATGGGCTCGGTAGTGAAGTCTGAGCCAGCTCGCCGC
 CGCCCGCCATCGCATCGCACTCTCAGCGCGCGTGCCTCGGCGACCTGCGCGACATGATCA
 GCATGTACCTGCCACCCGGCGGGACGCGGCCGACGCGCCTCTCCGCTGCCCGCGGTC
 GCCTGCACGGCGTGCACCAGCACTACCAGGGCGCCGGGACTGCAGTCAACGGAACGGTGC
 CGTGACCCACATCTGAGCACCAGCGCTGCGCTCGTCCACCCTTGTCCCCA

Restriction Sites: Please inquire



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ACCN:	NM_005634
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_005634.2 , NP_005625.2
RefSeq Size:	2074 bp
RefSeq ORF:	1341 bp
Locus ID:	6658
UniProt ID:	P41225
Cytogenetics:	Xq27.1
Gene 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. Mutations in this gene have been associated with X-linked cognitive disability with growth hormone deficiency. [provided by RefSeq, Jul 2008]