

Product datasheet for **SC122488**

SOX30 (BC033492) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SOX30 (BC033492) Human Untagged Clone
Tag:	Tag Free
Symbol:	SOX30
Synonyms:	Sox30 protein type II; SRY (sex determining region Y)-box 30
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC033492 edited
GGGGGAGGGATGACTAAAGACAACGGCTGTAAGAGAACTCCACAAGAGAGTCAGAACGAA
AATGTGCAACAAGTGC GGCGGCTCCTACCATGGCAGGTGATTCGAGGACTCAGCACGAGG
CGAGAGTAGGGACCAGGAAGAGCCGGAAACCCGCTGTGATTGGCCGTCCACGGGTATC
GGTCGTTGTGATTGGGTGAGGCCAGACAGACAGCTGCGTTTTGAACCGGTAGGGTTCT
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GAGCCCGCGCTCAGCCGCGCCGTTGCGTCCCGCTCCGCCCCGCTGCCGGTCGAGGGC
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GCCAGTGCACCTTGGCCTCGTCGTGCGGGGAGGCAGTGGCGTCCGGCTTACAGCCCGG
GTGCGGGCTGCTGCAGGTGAAGCCAGAGCAGGTGTTGCTGCTACCACAGCCTCAGGC
CAGAACGAGGAAGCCGCTGCCTCGTCCGCGCAGGCGGGTGTTCAGATTGAGCCCGAC
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CCTGCTATCCAGCTGCCACACCTGCAGTCCAGAGCCCAAGCCGTGCACACTTTCCAG
CCCAGCTCTCCAGTGTCTCAGGTGGCTGTCCAGGATCCAAGTCTACCTGTCTATCCA
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TCAAGTAGTGCAAGTACTGCCATGCCAGATTTGCAACTTCGACCATCCAACCTCCTAGG
GAGTATTCAGCGTTTCCCCTTGTCCCAGAAAGTGTCCAATCCCCAGGCTTCTCCCATT
CCACCCACATGTCTACCAGCCCCCTCCCCTTGGCCATCCAGCCACACTGTTCCGGACA
CCACCAAGATTTCTTTTTCATCACCTTACTTCTACCCGGACCTCACTACTTCCCATCA
AGTACATGCCCTTACAGTCGGCCTCCCTTTGGCTATGGAATTTTCCGAGTTCAATGCCA
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ACATCAACTCCTTCTAGCATCCAGCAAGTCAATGTACCAGCAGTGTGAGGAGGAAGAA
GAAAAAGTGTCCAGGATTTATAATTTTAAAACAAATATGCACAGAAAAATAAACATTTCT
TAAAATATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033492 unedited CCCAGATATTTGTAATACGACTTTATATAGGCGGCCGACGATTCCCGGGNAGGGGGAGGG ATGACTAAAGACAACGCTGTAAGAGAACTCCACAAGAGAGTCAGAACGAAAATGTGCAAC AAGTGC GGCGGCTCTACCATGGCAGGTGATTGAGGACTCAGCACGAGGCGAGAGTAGG GACCAGGAAGAGCCGAAAACCCGCCTGTGATTGGCCGTCCACGGGTATCGGTGTTGTG ATTGGGTGAGGCCAGACAGACAGCTGCGTTTTGAACCGGTAGGGTTCTGGGTAGCAAA GGCCTTGCAAGGCTCTTAACCGAAAGGGGAGGGGGAAGGTCGCCAACAAACGGCTGAGC TACAATCCTGGCCGAGCGTCCCCTCCCCATGGAGAGAGCCAGACCCGAGCCGCCGC CTAGCCGCGCCCGTTGCGTCCCGCTCCGCCCCGCTGCCGGTTCGAGGGCACCTCTTTT GGGCAGCAGCCATGGAGCCCCTCCGTCGTCTCCACACTGAGCGCGGCAGCCAGTGCGA CCTTGGCCTCGTCGTGCGGGGAGGCAGTGGCGTCCAGGCTACAGCCCGCNGTGCGCGGC TGCTGCANGTGAAGCCAGAGCATGTGTTGCTGCTACCACAGCCTCAGGCCAGAACGAGG AAGCCCGTGTCTCGTCGCGCATGCGCGGCTGTTGCAGTTCAGGCCCGACCTGCGGCTCC TGCAGCCCGGACAGCGTCAGACGGCGCCACCTNNCAGCCCGAGTTGCACCCGGTGCAGC CCCTGGCGCTGCATGTCAAGGGCCAGAAGCAGATGCTGGGGCCAGCCTGGATCAATCAG TGGGGCCCTCGAGGGCGGTCGAAAACGGTTCCTAGAGCCCTCAGGGTGGGCAAGTTGGA AGGGCCCGGGCCGGGNTCGGCTACTTCCGAAGGGACAATTAAGGCAAGT
Restriction Sites:	Please inquire
ACCN:	BC033492
Insert Size:	2703 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).
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:	BC033492.1 , AAH33492.2
RefSeq Size:	2703 bp
Locus ID:	11063
Cytogenetics:	5q33.3

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 acts as a transcriptional regulator when present in a complex with other proteins. It can activate p53 transcription to promote tumor cell apoptosis in lung cancer. The protein may be involved in the differentiation of developing male germ cells. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 5. [provided by RefSeq, Apr 2015]