

## Product datasheet for **SC326307**

### STOX1 (NM\_001130161) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** STOX1 (NM\_001130161) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** STOX1  
**Synonyms:** C10orf24  
**Vector:** pCMV6 series

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001130161, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCGGCCCGTGCAGCTGGCGCCGGGCTCGCTGGCGCTAGTGCTGTGCCGGCTGGAG
GCGCAGAAGCGCGGGGGCCGCGGAGGAGCCTGGTGGCGCGCGGTGTTCCGCGCTTTC
CGTCGCGCCAACGCGCGCTGCTTCTGGAACGCGCGGCTGGCGCGCGCCCTCGCGGCTG
GCCTTCCAGGGCTGGCTGCGGCGGGGGTGTCTGCTGGTGCAGCGCGCCCGCTGCCTG
CAGGTGCTGCGGATGCCTGGCGCGCCGGCCCTGCGGCCGCGCGGCTTCCGCATC
AGGCGGTGGGTGATGTCTTCCAGTGCAAATGAATCCAATAACTCAATCTCAGTTCGTA
CCTTTGGGTGAAGTTCTTTGCTGTGCTATATCTGATATGAATACAGCTCAGATTGTAGTA
ACGCAGGAATCACTTTTGAGCGTTTGATGAAACATTACCCAGGATTGCAATCCATCG
GAAGATATTCTTTATACCACTCTGGGAACGCTGATTAAGAAAAGGAAGATTTATCACT
GGAGAAGGATACTTCATAGTTACTCCTCAGACTTACTTCATTACAAATACAACCACCCAG
GAAAATAAGAGAAATGCTGCCATCAGATGAAAGTCGCTGATGCCAGCTTCCATGACATAT
CTGGTGAGCATGGAGAGCTGTGCAGAGTCAGCCCAAGAGAATGCTGCCCCATATCCAC
TGTCAGTCTTGCCAGTGTTCGGGACATGCACACTCAGGATGTTGAGGAAGCACCAGTT
GCTGCAGAAGTGACTAGGAAGAGTCACAGAGTCTTGGGAATCCGTATCTTGGGTACAG
AATGGGCGAGTTTCAGTGTCTGCGGAGCACCATTTGTGAGAGCACCAACCTTTACCA
TACACAAGAGATAAAGAAAAGGCAAGAAGTTTGGTTTTAGTCTTTATGGCGCAGCTTA
TCTAGAAAAGGAGAAGCCAAAACAGAACACAGCAGTTTCTCTGCTCAGTCCCACCTGAA
GAATGGCCCGTCCGAGATGAAGATGACTTGGACAATATCCCTCGAGATGTTGAACATGAG
ATAATCAAACGAATTAACCCATTTTGACTGTTGACAATTAATCAAACACACTGCCTA
ATGCAAAAATACGAAGAACAGAAAAATATAATAGCCAGGGCACTTCCACTGACATGCTG
ACAATCGGGCATAAGTATCCTTCAAAGAGGGGTTAAGAAAAGGCAGGGTCTGTCTGCA
AAACCTCAAGGGCAGGGCATTCTGAAGGATAGACACAAAGCCAGGAATCAGGGAAGT
GAGTTTACGCCAGGAAGCATTAGACTGGAGAAACACCCCAAGCTCCCTGCTACACAGCC
ATCCCCAGAATTAAGCCCAATGAAATGGTAGGTAGGTAGGAGCAACCTTGGTGGAGATTACA
ACAGTGCTAGGTTCCATTTGATTTACAAAAGCGAATCAGTAATCCTTTCCAGGGTTTG
TCTCACCGAGGAAGCACAATATCCAAAGGGCACAAAATCAGAAGACGAGTGATCTGAAA
CCCAGCCAGACTGGACCAAGGAAAAGCCTTTCCAAAAGCCTAGGTCTTGGATTCTCA
AGAATCTTTGATGGTAAAGCCAAAGAGCCATATGCTGAACAACCTAATGATAAAATGGAA
GCAGAATCCATTTACATAAATGACCCTACTGTCAAACCCATCAATGATGACTTCAGAGGT

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CACCTCTTCAGTCACCCTCAACAGAGCATGTTGCAAAATGATGGTAAATGCTGTCCCTTT
ATGGAAAGCATGTTGAGATATGAAGTGTATGGTGGAGAAAATGAGGTAATTCCTGAAGTC
TTGAGGAAAAGTCATTCCCACCTTTGACAAATTAGGGGAGACCAAACAGACTCCGCATAGT
CTGCCATCACGAGGTGCCTCCTTTTCAGACCGAACACCCTCTGCTTGTAGATTAGTGGAT
AACACAATACACCAGTTTCAAAATCTTGGCCTTTTGGATTACCCAGTTGGCGTGAACCCT
TTAAGACAAGCTGCAAGACAAGACAAAGACTCAGAAGAATTATTGAGAAAAGGATTTGTC
CAGGATGCAGAGACTACAAGCCTAGAAAATGAACAGCTTTCTAACGATGACCAGGCCTTG
TATCAGAATGAAGTGGAAGATGATGATGGTGCCTGTAGTTCATTATATCTAGAGGAGGAT
GACATTTCTGAGAATGACGACTTACGTCAAATGCTGCCTGGCCACAGTCAGTATTCTTTC
ACAGGTGGAAGCCAGGGAATCATTTAGGAAAACAAAAGTGATTGAGAGATCTCTGACC
GAGTACAACAGCACAATGGAGAGGGTTGAGTCTCAGGTGCTTAAAAGAAATGAATGCTAC
AAACCCACTGGGCTGCATGCTACCCAGGTGAAAGCCAAGAACCCTAACCTCTCTGCTGAA
AGTTGTGGCTAAATTCAGGGGCCAGTTTGGTTTTAACTACGAAGAAGAACCAGTGTT
GCTAAATGTGTACAGGCCTCAGCACCTGCTGATGAAAGAATCTTTGATTACTATAGCGCA
AGAAAAGCCAGTTTTGAAGCTGAAGTCATACAAGACACTATTGGTGACACAGGAAAGAAG
CCAGCTAGCTGGAGTCAGAGTCCTCAGAATCAGGAAATGAGAAAACATTTCCACAAAAG
TTCCAACCTTTTCAACACTTCACATATGCCAGTGTTGGCTCAGGATGTCCAATATGAACAC
AGTCACTTGGAAGGGACAGAAAATCACAGCATGGCAGGAGATAGTGAATAGATTCTCCA
CGGACACAGAGTCTGGGATCTAATAATTCAGTCATTTTGGATGGACTAAAAAGAAGACAG
AATTTTCTGCAAAATGTGCAAGGCACAAAGAGCAGTCAACCCTCACATCTAATTCCTTA
CTACCGCTAACTCCAGTCATAAACGTT
    
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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001130161
<b>Insert Size:</b>	3306 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001130161.1</a></u> , <u><a href="#">NP_001123633.1</a></u>
<b>RefSeq Size:</b>	3306 bp
<b>RefSeq ORF:</b>	3306 bp

Locus ID: 219736

UniProt ID: [Q6ZVD7](#)

Cytogenetics: 10q22.1

**Gene Summary:** The protein encoded by this gene may function as a DNA binding protein. Mutations in this gene are associated with pre-eclampsia/eclampsia 4 (PEE4). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (a).