

Product datasheet for **SC321834**

YBX2 (NM_015982) Human Untagged Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | YBX2 (NM_015982) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | YBX2 |
| Synonyms: | CONTRIN; CSDA3; DBPC; MSY2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_015982.1
 GCCGGTACTGGACCCGGCGGGATGAGCGAGGTGGAGGCGGCAGCGGTGGCTACAGCGGT
 CCCGCGGCAGCGGTGCCCGCGACGGCGGCAGGGGTGGTAGCGGTGGTACCGGTGCC
 GCAGGGGAGCCGAGAAAGGCGGGCGGGCGGGCGGGGGCGGAGCCGCTCGGGCCCC
 GCTGCTGGGACCCCTCGGCGCCGGCTCCCGCACCCCTGGCAATCCGGCGACGGCGGT
 TCGGGAACCCCGCCCCCGGGCCGGAGTCAGGCGGACAAGCCGGTGTGGCAATCCAA
 GTCTGGGCACTGTCAAATGGTTCAACGTCCGGAATGGTTACGGATTCATCAACAGGAAT
 GACACCAAGGAAGATGTCTTTGTTCAACCAGACAGCTATTAAGAAACAACCCAGGAAG
 TTTCTGCGCAGCGTTGGAGATGGGGAGACTGTGGAATTTGATGTCGTGGAAGGAGAGAAG
 GGGCAGAAAGCCACTAATGTAAGTGGGCTGGGGAGTACCCGTGAAGGGCAGCGTTAT
 GCCCCCAACCGACGTAAGTCCCGCGATTATCCCGCGCCTCCCTCAGTTGCCCAACA
 CCCATGGTGGCAGAGATCCCTCGGCGGGGACAGGACCTGGCAGTAAAGGGGAGCGGGCT
 GAAGACTCTGGGCAACGGCCCGACGATGGTCCCCCACCTTCTTCTACCGACGGCGG
 TTTGTGCGAGGCCCGGCTCCCAACCAGCAGCAGCCTATAGAGGGCACTGACAGGTA
 GAACCCAAAGAGACAGCCCATTTGGAGGGCACCAACAGCAGGGAGATGAGCGAGTCCCC
 CCGCCCAGATTCCGGCCAGGTACCGAAGGCCTTCCGCCCCAGGCCACGCCAGCAGCCT
 ACCACAGAAGGTGGGGATGGTGAGACCAAGCCAGCCAAGGTCCCGCTGATGGTTCCCGG
 CCTGAGCCCCAGCGCCACGAAACCGCCCTACTTCCAGCGGAGACGGCAGCAGGCCCT
 GGCCCCAGCAGGCCCTGGCCCCGGCAGCCCGCAGCCCTGAGACCTCAGCCCTGTC
 AACAGTGGGGACCCACCACCACCATCTGGAGTGATTCCAACCTCAACTCAGAGGACACC
 CAGAGCTGCCATCTGGTATCTGCCAGTTTTTCAAATGACCTGTACCCTACCCAGTACCC
 TGCTCCCCCTTCCATAATTCATGACATCAAAACACCAGCTTTTCACCTTTTCCCTTGAG
 ACTCAGGAGGACCAAAGCAGCAGCCTTTTGTCTTTTCTTTTCTTCCCTCCCTATCA
 AGGGTTGAAGGAAGGGAGCCATCTTACTGTTCAGAGACAGCAACTCCCTCCCGTAACTC
 AGGCTGAGAAGGAACCAGCCAGCTTTACCTCCTCCTGGTTGCTTTTCTTCCCCACCC
 CAAGTTTATTTTTGTTTTCCCCGGCCCTACCTCTGAAGCCATTTTATGATCTGTCAT
 GTGCCACCTGAGCCTCCAGTAAAAACAAAAACAGGCAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_015982
- 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:

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_015982.1](#), [NP_057066.1](#)

RefSeq Size: 1587 bp

RefSeq ORF: 1095 bp

Locus ID: 51087

UniProt ID: [Q9Y2T7](#)

Cytogenetics: 17p13.1

Gene Summary: This gene encodes a nucleic acid binding protein which is highly expressed in germ cells. The encoded protein binds to a Y-box element in the promoters of certain genes but also binds to mRNA transcribed from these genes. Pseudogenes for this gene are located on chromosome 10 and 15. [provided by RefSeq, Feb 2012]