

## Product datasheet for **SC205579**

### **YB1 (YBX1) (NM\_004559) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	YB1 (YBX1) (NM_004559) Human 3' UTR Clone
Symbol:	YB1
Synonyms:	BP-8; CBF-A; CSDA2; CSDB; DBPB; EFI-A; MDR-NF1; NSEP-1; NSEP1; YB-1; YB1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004559
Insert Size:	1886 bp



[View online »](#)

**Insert Sequence:** >SC205579 3'UTR clone of NM\_004559  
 The sequence shown below is from the reference sequence of NM\_004559. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCGAGGCTGAGCAGGGCGGGCTGAGTAAATGCCGGCTTACCATCTCTACCATCATCCGGTTTAGTCA
TCCAACAAGAAGAAATATGAAATTCAGCAATAAGAAATGAACAAAAGATTGGAGCTGAAGACCTAAAG
TGCTTGCTTTTTGCCGTTGACCAGATAAATAAGAACTATCTGCATTATCTATGCAGCATGGGGTTTTTA
TTATTTTTACCTAAAGACGTCTCTTTTTGGTAATAACAAACGTGTTTTTAAAAAGCCTGGTTTTTCT
CAATACGCCTTTAAAGGTTTTAAATTGTTTCATATCTGGTCAAGTTGAGATTTTTAAGAACTTCATTT
TTAATTTGTAATAAAAGTTTACAACCTGATTTTTTCAAAAAAGTCAACAACTGCAAGCACCTGTTAAT
AAAGTCTTAAATAATTGCTTTGTGTAATTTGTCTAGTTTTGCTTTAGTTTGAAGTATTTAGCTAT
TTATAGGACCCTTAGCTTGACCCAGTCTACAAATAGATGATGCTCACTGGTAATTCCTCAGGTAATAA
GTCTCAAAATCTCTAATCCTTTAAGTGGCATGCCTGTGGGCCCACTAAAAATTAGAAAATACATACT
CTGATAACCTGGCCATTTTTATTGAAGGATTTAGCTCATTGTGAAGAAAGACTTGAGTGTAGATTTTG
GGTGGGTCCTTTGGCTGTGAGGCATTGTTAAAAGGGCATTGCTCTAGCCTAGACCCAGCAGACTCTC
ATCCTGCTCCACTTAGTTTTGTCACCTGGGAGAAATTTGTTTCAGTGTGCAATTGAAGATGCCAATTG
AAGTGTAGGACAACCTGTCACACTGCCTGGTGTGGTCAATAATTGGTTCAGCTCCTATGCCTA
GAGATGGAACAAGTAATATAAAACCCATGGGAAAGCTGCTTAGGAACATGGAGTTGGTGAGCTTGTA
ATTATGTGGTTCTCAACACCTTAAATCCTAAGCCTAGTCTGGCTGATCTTTTCTTTTTGAGACGGAG
TCTTGTCTGTCAACAGCTGGAGTACAGTGGCACAATCTGGCTCACTGCAACCTCCACCTTAGGTT
TAAGCGATTCTCCTGCCTCGCCACCTTAGTAGCTGGGAGTACAGGTGCGTGCCACCACACCCAGCTAA
TTTTTGATTTTTAATAGAGATGGGTTGCACTGTGTTAGCCAGGATGGTCTTGATCTCTTGACCTGTG
GATCCGCCCGCTCAGCCTCCCAAAGTGTGGGATTACAGGTGTGAGCCACCGCACCTGGCCTCTCTGG
CTTTTGTCTTCTAATGTTTTGTTAGATGTTCTTTGGCTTGCTTTGTGAAATAGTCATGTAGTTGATAGT
GACTGCTGCCCGAAACACTCCAGATCATCCTGGCCAGCTATCAGGGCCAGGGGAAGCAGACAGTAGG
GGTCGGGAGTAGCCAGAGTGGCACATCAGGAATCCTGCAGTGTGGAAGTCACTCCTGCTTGGA
CTAACTCTTGCAGAGGACTTGATAAGAGACTACTCAAAAAAATTTTTTAACCCTACTAGTGTAAA
TATCTGTACTGCAGAAGTGAAGTATAGCCTATTTCTTGTCTGGTGTTCATGAAAATACTGTGTTGGAAGAG
TGCAAGTGGACCTGAACTTCAACTGTTGGTAGCATCTAACTGTTACTTACAACCTGCAGACGCACACAG
TCCTGACTTAAACAGTGGTTGACTTAGGGGCTTTTAGTGGGGTTACGGTTTCTACTGAATCAACATT
GTTTTCATGGCATCACAGAGTTGAAAAATCATAAATGAAACCATTGTAAGTTGACTGCAGTGTGCCAA
CATTAAATGCAGTTTCAACTTAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_004559.5](#)

**Summary:**

This gene encodes a highly conserved cold shock domain protein that has broad nucleic acid binding properties. The encoded protein functions as both a DNA and RNA binding protein and has been implicated in numerous cellular processes including regulation of transcription and translation, pre-mRNA splicing, DNA repair and mRNA packaging. This protein is also a component of messenger ribonucleoprotein (mRNP) complexes and may have a role in microRNA processing. This protein can be secreted through non-classical pathways and functions as an extracellular mitogen. Aberrant expression of the gene is associated with cancer proliferation in numerous tissues. This gene may be a prognostic marker for poor outcome and drug resistance in certain cancers. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on multiple chromosomes. [provided by RefSeq, Sep 2015]

**Locus ID:**

4904

**MW:**

71.4