

## Product datasheet for **SC306382**

### **TBX15 (NM\_152380) Human Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | TBX15 (NM_152380) Human Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | TBX15                                  |
| Synonyms:                 | TBX14                                  |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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**Fully Sequenced ORF:** >SC306382 representing NM\_152380.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTTCCATGGAGGAGATTGAGTGGAGCTGCAATGTGCTGACCTCTGGAAGCGTTCCATGATATT
GGAAGTAAATGATCATCACAAAGCAGGCAGGAGGATGTTTCTGCCATGAGAGTGAAATCACTGGC
CTAGATCCACATCAGCAGTACTACATAGCAATGGACATTGTGCCTGTGGACAATAAAGATACAGATAT
GTGTATCATAGCTCCAAGTGGATGGTGGCTGGCAATGCTGATTCCCTGTGCCCCCAAGAGTTTATATA
CACCCTGATTCTCTAGCTTCTGGAGACACCTGGATGAGACAGGTGGTCACTTTTGACAACTCAAGCTT
ACCAACAATGAGTTGGATGATCAAGGACATATCATTCTGCACTCTATGCACAAATACCAGCCTCGAGTT
CATGTGATTGCGAAAGACTTCAGCAGTGACCTTTCACCCACTAAGCCTGTTCTGTTGGGGATGGGGTG
AAAACGTTCAACTTTCCTGAGACTGTGTTACCCACAGTTACGGCCTATCAGAATCAGCAGATTACCAGA
TAAAAAATTGACCGAAACCTTTTGTAAAGGATTGAGAGATTCTGGGAGAAACAGAACTGGACTTGAA
GCCATCATGGAGACATATGCATTCTGGAGACCTCTGTGCGCACACTCACCTTGAAGACTTCACCACC
ATGCAGAAAGCAGCAAGGAGGCAGCACAGGCACTTCCCCAACACCTCCAGCACTGGGACACCATCCCT
TCGGCTTCTTCTCATCTTTATCTCCATCCTGTTCTCCTCCAACCTTTTCACTGCCCCCAACACTTTC
AATGTGGGCTGCCGAGAAAGCCAGCTGTGTAATCTAAACCTCTCTGATTATCCACCATGTGCCGAGC
AACATGGCTGCCTTGAGAGCTACCCAGGGCTGAGTGACAGTGGCTACAACAGGCTTCAGAGTGGCACC
ACTTCAGCCACTCAGCCCTCTGAAACCTTCATGCCTCAGAGGACTCCATCCCTGATCTCAGGAATACCA
ACTCCTCCCTCGTTGCCTGGCAACAGCAAGATGGAAGCCTACGGTGGCCAGCTGGGGTCTTTCCCACT
TCCAGTTTCAGTATGTCATGCAGGCAGGCAATGCTGCCTCCAGCTCCTCATCACCACACATGTTCCGG
GGCAGCCACATGCAGCAGAGCTCTACAATGCCTTCTCCCTTCAACCCCTTACAACCTGTATGGATAC
AATTTCCCACTTCCCTAGGCTAGCTGCAAGCCGGGAAAACTGAGCGCCTCTCAAAGCACTTTACTC
TGTTCTTCTCCTTCCAACGGGGCCTTTGGAGAGAGGCAGTACCTGCCGTGAGGATGGAGCACAGCATG
CACATGATTAGCCCTTACCCCAATAACCAACAGGCAACCAACACTTGTGATGGCCGGCAGTATGGGGCA
GTTCCAGGCTCCTCCTCCAGATGTCCGTGCACATGGTTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_152380

**Insert Size:** 1491 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:**

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\\_152380.2](#)

**RefSeq Size:** 3513 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 6913

**UniProt ID:** [Q96SF7](#)

**Cytogenetics:** 1p12

**MW:** 54.7 kDa

**Gene Summary:** This gene belongs to the T-box family of genes, which encode a phylogenetically conserved family of transcription factors that regulate a variety of developmental processes. All these genes contain a common T-box DNA-binding domain. Mutations in this gene are associated with Cousin syndrome.[provided by RefSeq, Oct 2009]  
 Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.