

## Product datasheet for **SC209870**

### **TBX4 (NM\_018488) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TBX4 (NM_018488) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TBX4
Synonyms:	ICPPS; PAPPAS; SPS
ACCN:	NM_018488
Insert Size:	1640 bp



[View online »](#)

**Insert Sequence:** >SC209870 3'UTR clone of NM\_018488  
The sequence shown below is from the reference sequence of NM\_018488. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGACTGTGGAGAACTGGACTGACGGATGACTCTCACGTCTCCTCCATAGCCCCGGGACCGTGTGTGTC
CAGTATTAACCTCTGTGGGTGGCCTGCACTCTACCAAGAAACACAGGAAGGTATTCCAGTGTGTGTG
TGTGTGTGTGTGTGTGTGTGTGTGTATACACGAGCATGTATGTATTTGGAGAGCATCCATCTTCT
GACATACTAGGTCATGACAAGGAAAAAACACACCACATTTATCTAAGAAGTGATTTGGTGCAG
GACCTGGGTCTATTGTTATCTGACATCTTTCATGCCCCGTGGTGGGATGGGAGTGGAGGGTTTCATA
TGAGTTATTGAGAGGGTTTTATAATGGTTGATTTACTCAGGGGCCAGGTGGGAGTTCTCTCCATGGG
GAAAGATTCTCACTGCTGGGTGGGAAGATTCTCGCTGCTGGGTGTGAGGACTCTGTGCACACCTTAG
AGTTCCTGGCCTTCTCTTTGCAAGGGGAGCTGAGAATCTGGTTTTGGTAGCAGGAGGCCACTCCTTTG
ACTTCTGGAGAGTCTGTGAGACTGCCTGAGAGGTGGGCTCAGCTAAGCCACAATGTGTACTTTGATAGT
ACAGCTGGCTGCTCAGTGTGGCTTAGACATTGATGACTGGAGCTCTGAGGTCTGAGGGATGACGTTT
GGAAAGGGTCATGGGCTAAATGTCACCTGAGGGGTATTTTAAAGGGTTTTTTTTCCCTTCAAGAGGA
GGGAAATGCAACCAGTAGCATCTCTGTGATCATTAGATTTTGTAAATAAGTACAGAGCCCTTCCCC
TAGGTCCTCAACATACAGTCTCTCACTCTGGTGTGTGGAGAGTCAAGCTCCAGGACCACACTGATCT
CATCTATGATGATGGGCAATTAATAACACGCCTCAGCTGGCATCATCCCAGGAGGCCACACTGGAG
CTGATGCTGGCATCTCCAGGCCTGTCTGCTCTCAGAAAACTACGCTTCTGGAGCGAGAAAGGCCA
ACAGAAATAAAGATAGTTGAAAAAATTTGTTTTCCAGTAAATTCAGCCGGTGTGAGCTCAGAGGAGCA
AAGAGAATTCTCCAGTGTGGCGCTCACAAGCTCAGCCCTGCGTTTTAGCATTGAATACCACCAGGC
CATCAGTGTGGGTGGGTGAACTCTCCATCAAACTGGGAAATCACTAACTCTTTCATGCTGAATAG
CTATTTATATATATAAAATAAAATATATATATATATATATATATATATATATATATATATATATAT
CATGTCAAATTCAGCTTTGCTTTCTACAAATGAATGACTTAATAAAAATAAACGTTGGAGGGGTATT
TGGAAAGACATCTATTTAAATTTTATTACATGTTTGTATTAATAAACTAAGAATGGTTTATATAAAC
ATATAAAATAATATATATATATATATATATATAAACACACACACTACAGATAAGGCTTTTTTA
GAAAACACATTAGCTAACAGGTGATATGGAAGTTCAAGTGTGTTTGTATATAGCATGGATGTTTTATT
TGCATATCGAACATAAAGCCATTTTCAACTGTGAAAAAAAAAAAAAAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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\\_018488.3](#)

**Summary:**

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human homolog of mouse Tbx4, which is closely linked to Tbx2 on mouse chromosome 11. Similarly this gene, like TBX2, maps to human chromosome 17. Expression studies in mouse and chicken show that Tbx4 is expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in regulating limb development and specification of limb identity. [provided by RefSeq, Jul 2008]

**Locus ID:**

9496

**MW:**

61.7