

Product datasheet for **SC215651**

TBX3 (NM_005996) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TBX3 (NM_005996) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TBX3
Synonyms:	TBX3-ISO; UMS; XHL
ACCN:	NM_005996
Insert Size:	1616 bp



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Insert Sequence: >SC215651 3'UTR clone of NM_005996
The sequence shown below is from the reference sequence of NM_005996. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGGACAGGTCCCGCAGCGCGTCCCGTAGACCCGTCCCAGACAGTCTTTTCATTCCAGTCCAGTTCA
GGTGCCGTGCACCTTTGTTCGGATATAAAATAAACACGGGCCCGCCATGGCGTTAGCCCTTCCTTTTGC
AGTTGCGTCTGGGAAGGGGCCCGGACTCCCTCGAGAGAATGTGCTAGAGACAGCCCTGTCTTCTTGG
CGTGGTTTATATGTCCGGGATCTGGATCAGATTCTGGGGCTCAGAAACGTCGGTTGCATTGAGCTACT
GGGGTAGGAGTCCAACATTTATGTCCAGAGCAACTCCAGCAAGGCTGGTCTGGGTCTCTGCCACC
AGGCGGGGAGGTGTTCAAAGACATCTCCCTCAGTCCGATTTATATATATATTTTTCCTTCACTGTGTC
AAGTGAAACAAAAACAAAATCTTTCAAAAAAAAATCGGGACAAGTGAACACATTAACATGATTCTGT
TTGTGCAGATTAACATTTATAGGGACTTGCATTATCGGTTCTCAATAAATTACTGAGCAGCTTTGTT
TGGGGAGGGAAGTCCCTACCATCCTTGTAGTCTATATTAAGAAAATCTGTGTCTTTTAAATATCTT
GTGATGTTTTAGAGCCGCTGTAGGTCTTCTTGCATGTCCACAGTAATGTATTTGTGGTTTTATTT
TGAACGCTTGCTTTAGAGAGAAAAAATATAGCCCTACCCTTTCCCAATCCTTTGCCCTCAAATC
AGTGACCCAAGGGAGGGGGGATTTAAAGGGAAGGAGTGGGCAAAACACATAAAATGAATTTATTATAT
CTAAGCTCTGTAGCAGGATTCATGTCGTTCTTTGACAGTCTTTCTTTCTGTATATGCAATAACAA
GGTTTTAAAAATAATAAAGAAGTGAGACTATTAGACAAAGTATTTATGAATTTATTGATAACTCTT
GTAATAGATTGCAACTGTCAGGTTTTGTGTTCTTTTCTTTAGTTGGGTTTTATTTCCAGGTCACA
GAATTGCTGTTAACACTAGAAAAACACTTCTGCACCAACCAATACCCTTTCAAAGAGTTGTCTG
CAACATTTTTGTTTTCTTTTTAATGTCCAAAAGTGGGGAAAAGTGTATTTCTATTTTACCAAAT
TGGGGAAGGAGTGCCACTTTCCAGCTCCACTTCAAATTCCTTAAATATAACTGAGATTGCTGTGGGGA
GGGAGGAGGGCAGAGGCTGCGGTTTACTTTTTAATTTTTCTTTGTTATTTGTATTTGCTAGTCTCTG
ATTTCTCAAACGAAGTGAATTTACTACTGTTGTCAGTATCGGTGTTTGAATGGTGCCTGCCTAT
AGAGATATATTCACAGTCAAAGTCAAGTCTGAGAGATGGTTAAAGACAAATTCATGAAGGTATAT
TTTGTTATAGTTGTTGATGAGTCTTTGGTTTTCTGTATTTTCCCTCTCTTAAACATCACTG
AAATTTCAATAAATTTTATTGAAATGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_005996.4](#)

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 protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

6926

MW:

62.2