

Product datasheet for **SC320805**

TBX6 (NM_004608) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBX6 (NM_004608) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBX6
Synonyms:	SCDO5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_004608.2
 AGCTGTCGGACTCACGGGGGCCCTAAGCAGCGAGACCTGAGGCCAGACGGAACTACAAC
 ATGTACCATCCACGAGAAATTGTACCCGTCCCTGGGGGCCGGCTACCGCTGGGGCCCGCC
 CAACCTGGGGCCGACTCCAGCTTCCCACCCGCCCTAGCGGAGGGCTACCGCTACCCCGAA
 CTGGACACCCCTAAACTGGATTGCTTCTCTCCGGGATGGAGGCTGCTCCCCGACCCCTG
 GCCGCGACCCACCTCTGCCCTTCTGCCCTGCCATGGGCACTGAGCCGGCCCCATCA
 GCTCCAGAGGCCCTCCATTCCCTCCCGGGGTGAGCCTGAGCCTGGAGAACC GGAGCTA
 TGGAAGGAGTTCAGCTCTGTGGGAACAGAAATGATCATCACCAAAGCTGGGAGGCCGATG
 TTCCTGCCTGCCGAGTGTCACTGACTGGCCTGGACCCCGAGGCCCGCTACTTGTTCCTT
 CTGGATGTGATTCGGGTGGATGGGGCTCGTACCCTGGCAGGGCCGGCCTGGGAGCCC
 AGCGGCAAGGCAGAGCCCGCCTGCCTGACCGTGTCTACATTACCCCGACTCTCCTGCC
 ACTGGTGACATTGGATGCGGCAGCCTGTGTCTTCCATCGTGTCAAGCTACCAACAGC
 ACGCTGGACCCACGGCCACCTGATCCTGCACTCCATGCACAAGTACCAACCCCGCATA
 CACCTAGTTCGGGAGCCAGCTCTGCAGCCAGCACTGGGGGGCATGGCCTCCTCCGC
 TTCCCGAGACCATTATCTCCGTGACAGCCTACCAGAACCCACAGATCACACAACCTG
 AAGATTGCAGCCAATCCCTTTGCCAAAGCTTCCGGGAGAACGGCAGAACTGTAAGAGG
 GAGCGAGACGCCGTGTGAAGAGGAAACTGCGGGGCCAGAGCCAGCAGCCACAGAGGCC
 TATGGGAGCGGAGACACACCAGGTGGTCCCTGCGACTCCACCCTGGGTGGAGACATTCGT
 GAATCAGATCCAGAACAGGCCCCAGCCCCGGGAAGCCACCGCTGCCCGGCACCTCTG
 TGTGGTGGCCCCAGTGTGAGGCCTACCTCCTGCACCTGCGGCTTTCATGGGGCCCC
 AGTCACCTTCCCACAGGAGCCCGACTTCCCGGAGGCTCCAGACTCCGGGCGCTCAGCC
 CCCTACTCGGCTGCATTTCTGGAGCTGCCGCACGGGTGAGGGGCTCCGGGTACCCAGCG
 GCTCCACCGCGGTACCCTTTGCCCGCACTTTCTCCAAGGGGGCCCTTCCCTTACCA
 TACACCGCGCTGGGGCTATCTGGATGTGGGCTCCAAACCCATGTAAGTGAACCACTGCT
 GGGCCCCCTGCCTCCATCACAACCTCCCGCTCCCTTCCCCAGCCCTGGAGCCCCCTC
 ACCTCCACCGGCCCATCCCCACACCAATGGCCGCTTGGGCTGCCACCCACCCCC
 TCAACTTACACCTTGATTTCACTCCCACCCCTCTGGCTTCAAAGCCTAACCAAGGCT
 GCTGGGAGTCCAGCTGGGGCCGGCTTCCCTTCCCGGCTCTCACCTCCGTGTGAATGGAA
 GGGGCTCTGCCTGGCCAAATGGGGCCACAGACCAGCATCCCCTTACCAGGCTCCCCA
 TGGGCTCTGGAGGGGCTCAATCCCCACCCCCACACACTGGTGCAGGCCACACCAGT
 CTGTTGTTCTGGGACCAGAGATTTTTTGTAAATAAACTCAAAGCCATCCATGCTCAGG
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004608

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_004608.2](#), [NP_004599.2](#)

RefSeq Size: 2468 bp

RefSeq ORF: 1311 bp

Locus ID: 6911

UniProt ID: [O95947](#)

Cytogenetics: 16p11.2

Protein Families: Transcription Factors

Gene 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. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures. [provided by RefSeq, Aug 2008]