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Product datasheet for SC206272

TBX1 (NM_080647) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TBX1 (NM_080647) Human 3' UTR Clone
Symbol:	TBX1
Synonyms:	CAFS; CATCH22; CTHM; DGCR; DGS; DORV; TBX1C; TGA; VCF; VCFS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_080647
Insert Size:	491 bp
Insert Sequence:	>SC206272 3' UTR clone of NM_080647 The sequence shown below is from the reference sequence of NM_080647. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC GCTCCTACGACTATTGCCCCAGA**TAA**CACGGGCCCTGTCGCGCTCCCGCCCCGGTCCTGCACAGCCCCGA AGTTCGCCGGGCCCGGCCACCCTGCCCCAAGGGCAAGCAAGGAATACGTTCCCCCAGCCCCAGGGGCCAC CGCGGCTCTCCCCTTCCCCAGCCTCGAAGCCATGGGGGCCCCCTCGCCACCCCCAGCCCCTTGGGCTATC GAAGTATCCGGTTCCCCAGTCCCTGGAGCCACCGCGGGTCCTTCCCCGGCCCCGAGGGCCAAGGGGGTCC CCGCCCGCCAGTGCCAAAGCGCCCGGTCGGAGGCGGAAGGAAGTGATATTTATTGTTCTCCCCGAGACCG CGTCGCCCGCGGCCCGGCCGGCAGTTGCAGTGTAGACAGCCCGAGAGCCCCGCCTGCAGGCGGTGTAGAT ACATGTAGATACTGTAGATACTGTAGATACCGCCCCGGCGCCGACTTGATAAACGGTTTCGCCTCTTTTG G ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
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).

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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_080647.1

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 product shares 98% amino acid sequence identity with the mouse ortholog. DiGeorge syndrome (DGS)/velocardiofacial syndrome (VCFS), a common congenital disorder characterized by neural-crest-related developmental defects, has been associated with deletions of chromosome 22q11.2, where this gene has been mapped. Studies using mouse models of DiGeorge syndrome suggest a major role for this gene in the molecular etiology of DGS/VCFS. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 6899