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Product datasheet for SC203754

TBX1 (NM_005992) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TBX1 (NM_005992) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TBX1
Synonyms:	CAFS; CATCH22; CTHM; DGCR; DGS; DORV; TBX1C; TGA; VCF; VCFS
ACCN:	NM_005992
Insert Size:	320 bp
Insert Sequence:	>SC203754 3'UTR clone of NM_005992 The sequence shown below is from the reference sequence of NM_005992. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGAGACCACCACACTGCAAGGACACTTGAAGGTACTCAGGTTTCAGAGCCCAAGTCAGGAGGTCAAGT GTGCATGCAAGAGGTGGCAGGGGACAGATGTGCTGCTGTTCCCAGGCCACCTGCACAGCTGGATGGTGG AAGCAGTTCACTTAAAGGCCATGAGTTACTCGGGAGGCTGAGGCAGGAGGATCACTTGAGCCTATTAGT TGGAGGCTGCAGTAAGCTATGATCATGCCACTGCACTCCAGCCTGGGTGACAGAGTGAGACCCCCACTG TCCCTGGTCTCTTAAAAGAAAAAACAAACAAACAAACCAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_005992.1

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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

MW: 11.9