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Product datasheet for RC206829L4V

TBX3 (NM_016569) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TBX3 (NM_016569) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBX3
Synonyms:	TBX3-ISO; UMS; XHL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016569
ORF Size:	2229 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206829).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_016569.3
RefSeq Size:	4814 bp
RefSeq ORF:	2232 bp
Locus ID:	6926
UniProt ID:	O15119
Cytogenetics:	12q24.21
Domains:	T-box
Protein Families:	Druggable Genome, Transcription Factors

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MW: 79.4 kDa

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. 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]