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Product datasheet for RC225624L4V

TBX22 (NM_001109879) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TBX22 (NM_001109879) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBX22
Synonyms:	ABERS; CLPA; CPX; dJ795G23.1; TBXX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001109879
ORF Size:	1563 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC225624).`
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_001109879.1, NP_001103349.1
RefSeq Size:	2351 bp
RefSeq ORF:	1203 bp
Locus ID:	50945
UniProt ID:	Q9Y458
Cytogenetics:	Xq21.1
Protein Families:	Transcription Factors
MW:	57.9 kDa

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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. Mutations in this gene have been associated with the inherited X-linked disorder, Cleft palate with ankyloglossia, and it is believed to play a major role in human palatogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]