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Product datasheet for RC220722L4V

TNXB (NM_032470) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TNXB (NM_032470) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TNXB
Synonyms:	EDS3; EDSCLL; EDSCLL1; HXBL; TENX; TN-X; TNX; TNXB1; TNXB2; TNXBS; VUR8; XB; XBS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032470
ORF Size:	2019 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC220722).`
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_032470.2
RefSeq Size:	3129 bp
RefSeq ORF:	2022 bp
Locus ID:	7148
UniProt ID:	P22105
Cytogenetics:	6p21.33-p21.32
Domains:	FBG, FN3
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: ECM-receptor interaction, Focal adhesion

MW: 73.8 kDa

Gene Summary: This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects, as opposed to fibronectin which is adhesive. This protein is thought to function in matrix maturation during wound healing, and its deficiency has been associated with the connective tissue disorder Ehlers-Danlos syndrome. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. It is one of four genes in this cluster which have been duplicated. The duplicated copy of this gene is incomplete and is a pseudogene which is transcribed but does not encode a protein. The structure of this gene is unusual in that it overlaps the CREBL1 and CYP21A2 genes at its 5' and 3' ends, respectively. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]