

Product datasheet for **RC202796L4V**

TXNDC4 (ERP44) (NM_015051) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TXNDC4 (ERP44) (NM_015051) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TXNDC4
Synonyms:	PDIA10; TXNDC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015051
ORF Size:	1218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202796).
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_015051.1
RefSeq Size:	4862 bp
RefSeq ORF:	1221 bp
Locus ID:	23071
UniProt ID:	Q9BS26
Cytogenetics:	9q31.1
Protein Families:	Druggable Genome
MW:	47 kDa



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Gene Summary:

This gene encodes a member of the protein disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins. It has an inferred N-terminal signal peptide, a catalytically active thioredoxin (TRX) domain, two TRX-like domains and a C-terminal ER-retention sequence. This protein functions as a pH-regulated chaperone of the secretory pathway and likely plays a role in protein quality control at the endoplasmic reticulum - Golgi interface. [provided by RefSeq, Dec 2016]