

## Product datasheet for **RC208876L3V**

### TXN (NM\_003329) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TXN (NM_003329) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TXN
Synonyms:	TRDX; TRX; TRX1; Trx80
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003329
ORF Size:	315 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208876).
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. <a href="#">More info</a>
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:	<a href="#">NM_003329.2</a>
RefSeq Size:	886 bp
RefSeq ORF:	318 bp
Locus ID:	7295
UniProt ID:	<a href="#">P10599</a>
Cytogenetics:	9q31.3
Domains:	thioered
Protein Families:	Druggable Genome



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**MW:** 11.7 kDa

**Gene Summary:** The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]