

## Product datasheet for **RC201666L3V**

### Thioredoxin 2 (TXN2) (NM\_012473) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Thioredoxin 2 (TXN2) (NM_012473) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Thioredoxin 2
Synonyms:	COXPD29; MT-TRX; MTRX; TRX2; TXN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012473
ORF Size:	498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201666).
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_012473.3</a>
RefSeq Size:	1342 bp
RefSeq ORF:	501 bp
Locus ID:	25828
UniProt ID:	<a href="#">Q99757</a>
Cytogenetics:	22q12.3
Domains:	thioired
Protein Families:	Druggable Genome



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**MW:** 18.4 kDa

**Gene Summary:** This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq, Jul 2008]