

Product datasheet for SC330231

TXN (NM_001244938) Human Untagged Clone

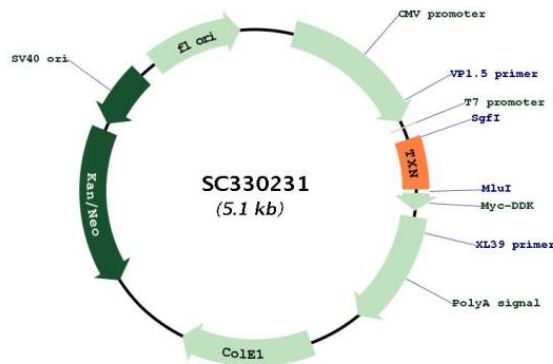
Product data:

Product Type: Expression Plasmids
 Product Name: TXN (NM_001244938) Human Untagged Clone
 Tag: Tag Free
 Symbol: TXN
 Synonyms: TRDX; TRX; TRX1; Trx80
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC330231 representing NM_001244938.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGTGAAGCAGATCGAGAGCAAGACTGCTTTTCAGGAAGCCTTGGACGCTGCAGGTGATAAACTTGTA
 GTAGTTGACTTCTCAGCCACGTGGTGTGGGCCTTGCAAATGATCAAGCCTTTCTTTCATGATGTTGCT
 TCAGAGTGTGAAGTCAAATGCATGCCAACATTCCAGTTTTTTAAGAAGGGACAAAAGGTGGGTGAATTT
 TCTGGAGCCAATAAGGAAAAGCTTGAAGCCACCATTAATGAATTAGTCTAA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001244938

Insert Size: 258 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001244938.1
RefSeq Size:	826 bp
RefSeq ORF:	258 bp
Locus ID:	7295
UniProt ID:	P10599
Cytogenetics:	9q31.3
Protein Families:	Druggable Genome
MW:	9.5 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>