

Product datasheet for **SC319489**

TXNDC15 (NM_024715) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TXNDC15 (NM_024715) Human Untagged Clone
Tag:	Tag Free
Symbol:	TXNDC15
Synonyms:	BUG; C5orf14; UNQ335
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024715.3
 CCAAGATGGCGCCCGCCACAGCTGCCAGGTGTTAAGATGGCGGCGGGGCCGCCCGC
 GCTCCCAGGCTCTCCTCCCCAGCCTTCTCCGGCTGGCAGCAGACTCGCGTAGCCGTG
 CGCCGATTGCCTCTCGGCCTGGCAATGGTCCCGCTGCCGGTGCACGACCGCCCGCGT
 CATGCGGCTCCTCGGCTGGTGGCAAGTATTGCTGTGGGTGCTGGGACTTCCCGTCCGCGG
 CGTGGAGTTGCAGAGGAAAGTGGTCGCTTATGGTTCAGAGGAGCAGCCTGCTCACCTCT
 CCAGGTTGGGCTGTGTACCTGGGTGAGGAGGAGCTCCTGCATGACCCGATGGGCCAGGA
 CAGGGCAGCAGAAGAGGCCAATGCGGTGCTGGGCTGGACACCCAAGGCGATCACATGGT
 GATGCTGTCTGTGATTCTGGGGAAGCTGAGGACAAAGTGAAGTTCAGAGCCTAGCGGCGT
 CACCTGTGGTGTGGAGGAGCGGAGGACTCAAGGTGCAACGTCCGAGAGAGCCTTTTCTC
 TCTGGATGGCGCTGGAGCACACTTCCCTGACAGAGAAGAGGAGTATTACACAGAGCCAGA
 AGTGGCGGAATCTGACGCAGCCCGACAGAGGACTCCAATAACACTGAAAGTCTGAAATC
 CCCAAAGTGAACTGTGAGGAGAGAAAACATTACAGGATTAGAAAATTTCACTCTGAAAAT
 TTTAAATATGTCACAGGACCTTATGGATTTTCTGAACCCAAACGGTAGTGACTGTACTCT
 AGTCTGTTTTACACCCCGTGGTCCCGCTTTTCTGCCAGTTTGGCCCTCACTTTAACTC
 TCTGCCCCGGCATTTCAGCTTTCACCTTTTGGCACTGGATGCATCTCAGCACAGCAG
 CCTTCTACCAGTTTGGCACCGTAGCTGTTCCATAATTTTATTATTCAAGGAGCTAA
 ACCAATGGCCAGATTTAATCATAACAGATCGAACACTGGAACACTGAAAACTTTTCATTTT
 TAATCAGACAGGTATAGAAGCCAAGAAGTGTGGTGGTAACTCAAGCCGACCAATAGG
 CCCTCTTCCAGCACTTTGATAAAAAGTGTGGACTGGTTGCTTGTATTTTCCTTATTCTT
 TTTAATTAGTTTTATTATGTATGCTACCATTCGAACTGAGAGTATTTCGGTGGCTAATTCC
 AGGACAAGAGCAGGAACATGTGGAGTAGTATGGTCTGAAAGAAGTTGAAAGAGGAACT
 TCAATCCTTCGTTTCAGAAATTAGTGCTACAGTTTCATACATTTTCTCCAGTGACGTGTT
 GACTTGAAACTTCAGGCAGATTAAGAATCATTTGTTGAACACTGAATGTAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_024715
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_024715.3</u> , <u>NP_078991.3</u>
RefSeq Size:	3689 bp
RefSeq ORF:	1083 bp
Locus ID:	79770
UniProt ID:	<u>Q96J42</u>
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the thioredoxin superfamily. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. [provided by RefSeq, Apr 2017]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>