

## Product datasheet for **SC215769**

### TXNDC5 (NM\_030810) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TXNDC5 (NM_030810) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TXNDC5
Synonyms:	ENDOPDI; ERP46; HCC-2; HCC2; PDIA15; STRF8; UNQ364
ACCN:	NM_030810
Insert Size:	1657 bp



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**Insert Sequence:** >SC215769 3'UTR clone of NM\_030810  
 The sequence shown below is from the reference sequence of NM\_030810. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GTCCTGAGCCAAGCGAAAGACGAACTTTAGGAACACAGTTGGAGGTCACCTCTCCTGCCAGCTCCCGC
ACCCTGCGTTTTAGGAGTTCAGTCCCACAGAGGCCACTGGGTTCCAGTGGTGGCTGTTTCAGAAAGCAGA
ACATACTAAGCGTGAGGTATCTTCTTTGTGTGTGTTTTCCAAGCCAACACACTCTACAGATTCTTTA
TTAAGTTAAGTTTCTTAAGTAAATGTAACTCATGGTCACTGTGTAACATTTTCAGTGGCGATATA
TCCCTTTGACCTTCTTTGATGAAATTCATGGTTTCTTTGAGACTAAAATAGCGTTGAGGGAAAT
GAAATTGCTGGACTATTTGTGGCTCCTGAGTTGAGTGATTTTGGTGAAAGAAAGCACATCCAAGCATA
GTTTACCTGCCACGAGTTCTGAAAGGTGGCCTTGTGGCAGTATTGACGTTCTCTGATCTTAAGGTC
ACAGTTGACTCAATACTGTGTTGGTCCGTAGCATGGAGCAGATTGAAATGCAAAAACCCACACCTCTGG
AAGATACCTTCACGGCCGCTGCTGGAGCTTCTGTTGCTGTGAATACTTCTCTCAGTGTGAGAGGTTAGC
CGTGATGAAAGCAGCGTTACTTCTGACCGTGCCTGAGTAAAGAAATGCTGATGCCATAACTTTATGTGT
CGATACTTGTCAAATCAGTTACTGTTACAGGGGATCCTTCTGTTTCTCACGGGGTAAACATGTCTTTAG
TTCCTCATGTTAACACGAAGCCAGAGCCACATGAACTGTTGGATGTCTTCTTACAGAAAGGGTAGGCAT
GGAAAATTCACGAGGCTCATTCTCAGTATCTCATTAACTCATTGAAAGATTCCAGTTGTATTTGTCAC
CTGGGGTGACAAGACCAGACAGGCTTTCCAGGCTGGGTATCCAGGGAGGCTCTGCAGCCCTGCTGAA
GGGCCCTAACTAGAGTTCTAGAGTTTCTGATTCTGTTTCTCAGTAGTCTTTTAGAGGCTTGCTATACT
TGCTCTGCTTCAAGGAGTTCGACCTTCTAATGTATGAAGAATGGGATGCATTTGATCTCAAGACCAAG
ACAGATGTCAGTGGGCTGCTCTGGCCCTGGTGTGCACGGCTGTGGCAGCTGTTGATGCCAGTGTCCCTCT
AACTCATGCTGTCTTGTGATTAACACCTCTATCTCCCTGGGAATAAGCACATACAGGCTTAAGCTC
TAAGATAGATAGGTGTTTGCCTTTTACCATCGAGCTACTTCCATAATAACCACTTTGCATCCAACAC
TCTTACCCACCTCCCATACGCAAGGGGATGTGGATACTTGGCCCAAAGTAACTGGTGGTAGGAATCTT
AGAAACAAGACCACTTAACTGTCTGTCTGAGGCAGAAGATAACAGCAGCATCTCGACCAGCCTCTGCC
TTAAAGGAAATCTTTAATACAGTATGGTTCACAGATAATTCTTTTTTAAAAAACCACCTCTCT
AGAGAAGCACAACTGTCAAGAGTCTTGTACACACAACCTCAGCTTTCATCACGAGTCTTGTATTCCAA
GAAAATCAAAGTGGTACAATTTGTTTGTACTATGATACTTCTAAATAAACTCTTTTTTTTTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_030810.5](#)

**Summary:** This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal endoplasmic reticulum (ER)-signal sequence, three catalytically active thioredoxin domains and a C-terminal ER-retention sequence. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S5 gene. [provided by RefSeq, Dec 2016]

**Locus ID:** 81567

**MW:** 62.6