

Product datasheet for **SC215768**

TXNDC5 (NM_001145549) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TXNDC5 (NM_001145549) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TXNDC5
Synonyms:	ENDOPDI; ERP46; HCC-2; HCC2; PDIA15; STRF8; UNQ364
ACCN:	NM_001145549
Insert Size:	1657 bp



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Insert Sequence:	<p>>SC215768 3'UTR clone of NM_001145549 The sequence shown below is from the reference sequence of NM_001145549. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GTCCTGAGCCAAGCGAAAGACGAACTTTAGGAACACAGTTGGAGGTCACCTCTCCTGCCAGCTCCCGC ACCCTGCGTTTTAGGAGTTCAGTCCCACAGAGGCCACTGGGTTCCAGTGGTGGCTGTTTCAGAAAGCAGA ACATACTAAGCGTGAGGTATCTTCTTTGTGTGTGTTTTCCAAGCCAACACACTCTACAGATTCTTTA TTAAGTTAAGTTTCTCTAAGTAAATGTAACTCATGGTCACTGTGTAACATTTTCAGTGGCGATATA TCCCTTTGACCTTCTTTGATGAAATTTACATGGTTTCTTTGAGACTAAAATAGCGTTGAGGGAAAT GAAATTGCTGGACTATTTGTGGCTCCTGAGTTGAGTGATTTTGGTGAAAGAAAGCACATCCAAGCATA GTTTACCTGCCACGAGTTCTGAAAAGGTGGCCTTGTGGCAGTATTGACGTTCTCTGATCTTAAGGTC ACAGTTGACTCAATACTGTGTTGGTCCGTAGCATGGAGCAGATTGAAATGCAAAAACCCACACCTCTGG AAGATACCTTACGGCCGCTGCTGGAGCTTCTGTTGCTGTAATACTTCTCTCAGTGTGAGAGGTTAGC CGTGATGAAAGCAGCGTTACTTCTGACCGTGCCTGAGTAAAGAAATGCTGATGCCATAACTTTATGTGT CGATACTTGTCAAATCAGTTACTGTTACAGGGGATCCTTCTGTTTCTCACGGGGTGAACATGTCTTTAG TTCCTCATGTTAACACGAAGCCAGAGCCACATGAACTGTTGGATGTCTTCTTAGAAAGGGTAGGCAT GGAAAATTCACGAGGCTCATTCTCAGTATCTCATTAACTCATTGAAAGATTCCAGTTGTATTTGTAC CTGGGGTGACAAGACCAGACAGGCTTTCCAGGCTGGGTATCCAGGGAGGCTCTGCAGCCCTGTGAA GGGCCCTAACTAGAGTTCTAGAGTTTCTGATTCTGTTTCTCAGTAGTCTTTTAGAGGCTTGCTATACT TGCTCTGCTTCAAGGAGTTCGACCTTCTAATGTATGAAGAATGGGATGCATTTGATCTCAAGACCAAAG ACAGATGTCAGTGGGCTGCTCTGGCCCTGGTGTGCACGGCTGTGGCAGCTGTTGATGCCAGTGTCCCTCT AACTCATGCTGTCTTGTGATTAACACCTCTATCTCCCTTGGGAATAAGCACATACAGGCTTAAGCTC TAAGATAGATAGGTGTTTGTCTTTTACCATCGAGCTACTTCCATAATAACCACTTTGCATCCAACAC TCTTACCCACCTCCCATACGCAAGGGGATGTGGATACTTGGCCCAAAGTAACTGGTGGTAGGAATCTT AGAAACAAGACCACTTAACTGTCTGTCTGAGGCAGAAGATAACAGCAGCATCTCGACCAGCCTCTGCC TTAAAGGAAATCTTTAATACAGTATGGTTCACAGATAATTCTTTTTTAAAAAACCACCTCTCT AGAGAAGCACAACTGTCAAGAGTCTTGTACACACAACCTCAGCTTTCATCACGAGTCTTGTATTCCAA GAAAATCAAAGTGGTACAATTTGTTTGTACTATGATACTTCTAAATAAACTCTTTTTTTTTAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-Mlul
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_001145549.4

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