

## Product datasheet for **SC210773**

### PDIA6 (NM\_005742) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PDIA6 (NM\_005742) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PDIA6  
**Synonyms:** ERP5; P5; TXNDC7  
**ACCN:** NM\_005742  
**Insert Size:** 897 bp  
**Insert Sequence:** >SC210773 3'UTR clone of NM\_005742  
The sequence shown below is from the reference sequence of NM\_005742. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGATGACTTAGGAAAGATGAGTTGTGAGGCCACAACAGAGGCTTCAGACCATTTTCTTTTCTGG
GAGCCAGTGGATTTTCCAGCAGTGAAGGACATTCTCTACACTCAGATGACTCTACCAGTGGCCTTTT
AACCAAGAAGTAGTACTTGATTGGTCATTTGAAAACACTGCAACAGTGAACCTTTTGCATCTCAAGAAAA
CATTGAAAAATTCTATGAATTGTTGTAGCCGGTGAATTGAGTCGATTCTGTCACATAATATTTTGAAG
AAAACCTGGCTGTCGAAACATTTTCTCTGACTGCTGCTTGAATGTTCTTGGAGGCTGTTTCTTATG
TATGGGTTTTTTTTAATGTGATCCCTTCATTTGAATATTAATGGCTTTTTCCATTAAGAATAAAATAT
TTTGGACAATGCCGATAAATGTATGAAGTTAGTATCCACATCATAAATTCAGAGTGATGTTTAGCAGTA
AATCAATATTTTGAAGTGATACACAGATGTCTTCTCCCCACAACTTTTTTAAACAAAAACAAGAC
CTCTTTTCTTTAGATGGTGCCACCTATGCCACCACAACAGAGATTTTACATGGAACCCGGGCTCAGTG
AGAACTGATTTCTGCCAATATTTGTCTTTGGGCTGTCTCTAGTACTAATTATTAAGGAATCTAGCT
GGTTATACAGTTCAAGGCTTTCTATGTTGTTAATGAACCTCAAAATAGCGGTTAAGACATGAAATACAG
CAGCAGGTTACCAATGCGAACAGGTAGTTCGCATTTATGTA AACATTTCAGAAAAATGAAGTTTTGAATT
TGTTGGAACATTC AAAGGACTTGAGAGCATTTTATTGTA ACTTAAAAATAAATACAACGTCACTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_005742.4</a>
<b>Summary:</b>	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 ER-signal sequence, two catalytically active thioredoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. This protein inhibits the aggregation of misfolded proteins and exhibits both isomerase and chaperone activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]
<b>Locus ID:</b>	10130
<b>MW:</b>	35.2