

Product datasheet for **TP306717**

PDILT (NM_174924) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein disulfide isomerase-like, testis expressed (PDILT), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206717 protein sequence Red =Cloning site Green =Tags(s)

MDLLWMPLLLVAACVSAVHSSPEVNAGVSSIHITKPVHILEERSLLVLTPAGLTQMLNQTRFLMVLFHNP
SSKQSRNLAEELGKAVEIMGKGNIGIFGKVDITIEKELQQEFGITKAPELKLFFEGNRSEPISECKGVE
SAALVWVLRQISQKAFNFNSSEQVAEFVISRPLVIVGFFQDLEEEVAELFYDVIKDFPELTFGVITIGN
VIGRFHVTLDVSVLVFKKGVKIVNRQKLINDSTNKQELNRVIKQHLTDFVIEYNTENKDLISELHIMSHMLL
FVSKSSESYGIIHQHYKLASKEFQNKILFILVDADEPRNGRVFKYFRVTEVDIPSVQILNLSSDARYKMP
SDDITYESLKKFGRSFLSKNATKHQSSEEIPKYWDQGLVKQLVGKFNVVFDFKEKDVFMFYAPWSKCC
KMLFPLLEELGRKYQNHSTIIIAKIDVTANDIQLMYLDRYPFFRLFSPSGSQAVLYKGEHTLKGFSDFLE
SHIKTKIEDEDELLSVEQNEVIEEEVLAEEKEVPMRMRKGLPEQQSPELENMTKYVSKLEEPAGKKTSEE
VVVWAKPKGPPVQKKKPKVKEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	66.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_777584](#)

Locus ID: 204474

UniProt ID: [Q8N807](#)

RefSeq Size: 2195

Cytogenetics: 16p12.3

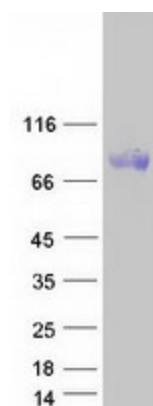
RefSeq ORF: 1752

Synonyms: PDIA7

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 ER-signal sequence, two thioredoxin (TRX) domains with non-classical Ser-Lys-Gln-Ser and Ser-Lys-Lys-Cys motifs, respectively, two TRX-like domains, and a C-terminal ER-retention sequence. The protein lacks oxidoreductase activity in vitro and probably functions as a chaperone. This gene's expression appears to be limited to the testis. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PDILT protein (Cat# TP306717). The protein was produced from HEK293T cells transfected with PDILT cDNA clone (Cat# [RC206717]) using MegaTran 2.0 (Cat# [TT210002]).