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## Datasheet for ABIN7318953 PDILT Protein (His tag)

### Overview

Quantity:	50 µg
Target:	PDILT
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDILT protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human PDILT Protein (His Tag)
Sequence:	Ser21-Leu584
Characteristics:	Recombinant Human Protein Disulfide-Isomerase-Like Protein of the Testis is produced by our Mammalian expression system and the target gene encoding Ser21-Leu584 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	PDILT
Alternative Name:	PDILT ( <a href="#">PDILT Products</a> )
Background:	Background: Protein Disulfide-Isomerase-Like Protein of the Testis (PDILT) is a protein that belongs to the protein disulfide isomerase family. Human PDILT is synthesized as a 584 amino

## Target Details

acid precursor that contains an 20 amino acid signal sequence and a 564 amino acid mature chain. PDILT contains 1 thioredoxin domain lacks the conserved redox-active Cys at position 417 which is replaced by a Ser residue, suggesting that it lacks thioredoxin activity. PDILT is an enzyme in the endoplasmic reticulum in eukaryotes. It is not a disulfide-linked homodimer. The PDILT protein can interacts with ERO1L and CLGN. PDILT probable redox-inactive chaperone involved in spermatogenesis.

Synonym: Protein Disulfide-Isomerase-Like Protein of the Testis, PDILT

Molecular Weight: 65.5 kDa

UniProt: [Q8N807](#)

Pathways: [Cell RedoxHomeostasis](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.