

Recombinant Human PDILT Protein

Cat. No. PDILT-360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDILT(Ser21-Leu584) was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	21-584 a.a.
Description	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.
Form	20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	65.5 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PDILT protein disulfide isomerase-like, testis expressed [Homo sapiens]

Official Symbol PDILT

Synonyms

PDILT; protein disulfide isomerase-like, testis expressed; protein disulfide-isomerase-like protein of the testis; PDIA7; protein disulfide isomerase family A; member 7; protein disulfide isomerase like protein of the testis; protein disulfide isomerase family A, member 7; protein disulfide isomerase-like protein of the testis;

Gene ID 204474

mRNA Refseq NM_174924

Protein Refseq NP_777584

UniProt ID Q8N807

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA