

Recombinant Human PDILT Protein, MYC/DDK-tagged

Cat. No. PDILT-827H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PDILT protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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. [provided by RefSeq, Dec 2016]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	66.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	protein disulfide isomerase like, testis expressed[Homo sapiens]
Official Symbol	PDILT
Synonyms	PDIA7
Gene ID	204474
mRNA Refseq	NM_174924.1
Protein Refseq	NP_777584
UniProt ID	Q8N807

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