

32-7478: Recombinant Human Protein Disulfide-Isomerase-Like Protein of the Testis/PDILT (C-6His)(Discontinued)

Gene : PDILT
Gene ID : 204474
Uniprot ID : Q8N807

Description

Source: Human Cells.

MW :65.54kD.

Recombinant Human PDILT is produced by our Mammalian expression system and the target gene encoding Ser21-Leu584 is expressed with a 6His tag at the C-terminus. 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 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 interact with ERO1L and CLGN. PDILT probable redox-inactive chaperone involved in spermatogenesis.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : SPEVNAGVSSIHITKPVHILEERSLLVLTAGLTQMLNQTRFLMVLFHNPSSKQSRNLAELGKAVEIMGKGKNGI
GFGKVDITIEKELQQEFGITKAPELKLFFEGNRSEPISECKGVVESAAALVVWLRRQISQKAFLFNSSEQVAEFVISRP
LVIVGFFQDLEEEVAELFYDVIKDFELTFGVITIGNVIGRFHVTLDLSVLVFKKGKIVNRQKLINDSTNKQELNRVIK
QHLTDFVIEYNTENKDLISELHIMSHMLLFVSKSSESYGIIIQHYKLASKEFQNKILFILVDADEPRNGRVFKYFRVT
EVDIPSVQILNLSSDARYKMPSSDDITYESLKKFGRSFLSKNATKHQSSEIIPKYWDQGLVKQLVGKNFNVVVFDDK
EKDVFMFYAPWSKKCKMLFPLLEELGRKYQNHSTIIIAKIDVTANDIQLMYLDRYPFFRLFPSGSQQAVLYKGEH
TLKGFSDFLSHIKTKIEDEDELLSVEQNEVIEEEVLAAEEKEVPMRKGLEQQSPELENMTKYVSKLEEPAGKKK
TSEEVVVVAKPKGPPVQKKKPKVKEELVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.