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 interacts 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 :	SPEVNAGVSSIHITKPVHILEERSLLVLTPAGLTQMLNQTRFLMVLFHNPSSKQSRNLAEELGKAVEIMGKGKNGI GFGKVDITIEKELQQEFGITKAPELKLFFEGNRSEPISCKGVVESAALVVWLRRQISQKAFLFNSSEQVAEFVISRP LVIVGFFQDLEEEVAELFYDVIKDFPELTFGVITIGNVIGRFHVTLDSVLVFKKGKIVNRQKLINDSTNKQELNRVIK QHLTDFVIEYNTENKDLISELHIMSHMLLFVSKSSESYGIIIQHYKLASKEFQNKILFILVDADEPRNGRVFKYFRVT EVDIPSVQILNLSSDARYKMPSDDITYESLKKFGRSFLSKNATKHQSSEEIPKYWDQGLVKQLVGKNFNVVVFDK EKDVFVMFYAPWSKKCKMLFPLLEELGRKYQNHSTIIIAKIDVTANDIQLMYLDRYPFFRLFPSGSQQAVLYKGEH TLKGFSDFLESHIKTKIEDEDELLSVEQNEVIEEEVLAEEKEVPMMRKGLPEQQSPELENMTKYVSKLEEPAGKKK TSEEVVVVVAKPKGPPVQKKKPKVKEELVDHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.