

Recombinant Human PDILT protein ab152027

Description

Product name	Recombinant Human PDILT protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. ab152027 is 0.2 µM filtered.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>Q8N807</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SPEVNAGVSSIHITKPVHILEERSLLVLT PAGLTQMLNQTRF LMVLFHNP SSKQSRNLAEELGKAVEIMGKGKNGIGFGKVDITIEKELQQ EFGITKAPE LKLFFEGNRSEPISCKGVVESAALVVWLRQISQKAFLFN SSEQVAEFVI SRPLVIVGFFQDLEEEVAELFYDVIKDFPELTFGVITIGNVIG RFHVTLD SVLVFKKGKIVNRQKLINDSTNKQELNRVIKQHLTDFVIEYN TENKDLIS ELHIMSHMLLFVSKSSESYGIIIQHYKLASKEFQNKILFILVDA DEPRNG RVFKYFRVTEVDIPSVQILNLSSDARYKMPSDDITYESLKK FGRSFLSKN ATKHQSSEEIPKYWDQGLVKQLVGKNFNVVVFDKEKDVF VMFYAPWSKKC KMLFPLLEELGRKYQNHSTIIIAKIDVTANDIQLMYLDRYPFF RLFPSGS QQAVLYKGEHTLKGFSDFLESHIKTKIEDEDELLSVEQNEV IEEEVLAEE KEVPMMRKGLPEQQSPELENMTKYVSKLEEPAGKKKTS EEVVVVVAKPKG PPVQKKKPKVKEELVDHHHHHH
Predicted molecular weight	66 kDa including tags

Amino acids	21 to 584
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152027** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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General Info

Function	Probable redox-inactive chaperone involved in spermatogenesis.
Tissue specificity	Testis-specific.
Sequence similarities	Belongs to the protein disulfide isomerase family. Contains 1 thioredoxin domain.
Domain	The thioredoxin domain lacks the conserved redox-active Cys at position 417 which is replaced by a Ser residue, suggesting that it lacks thioredoxin activity.
Post-translational modifications	N-glycosylated.
Cellular localization	Endoplasmic reticulum.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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