

Product datasheet for **TP720679L**

PDIA6 (NM_005742) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human protein disulfide isomerase family A, member 6 (PDIA6)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Leu20-Leu440
Tag:	C-His
Predicted MW:	47.2 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005733
Locus ID:	10130
UniProt ID:	Q15084 , A0A384NPU5
RefSeq Size:	2349
Cytogenetics:	2p25.1
RefSeq ORF:	1320
Synonyms:	ERP5; P5; TXNDC7



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Summary:

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 catalytically active thioredoxin (TRX) domains, a TRX-like domain, and a C-terminal ER-retention sequence. This protein inhibits the aggregation of misfolded proteins and exhibits both isomerase and chaperone activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]

Protein Families:

Druggable Genome