

## Product datasheet for **TP726992**

### ERp72 (PDIA4) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Protein Disulfide-Isomerase A4/PDIA4 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val21-Leu645
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Note:	Recombinant Human Protein Disulfide-Isomerase A4 is produced by our Mammalian expression system and the target gene encoding Val21-Leu645 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	9601
UniProt ID:	<a href="#">P13667</a>
Synonyms:	Protein Disulfide-Isomerase A4; Endoplasmic Reticulum Resident Protein 70; ER Protein 70; ERp70; Endoplasmic Reticulum Resident Protein 72; ER Protein 72; ERp-72; ERp72; PDIA4; ERP70; ERP72
Summary:	Protein Disulfide-Isomerase A4 (PDIA4) is an endoplasmic reticulum luminal protein that belongs to the protein disulfide isomerase family. Human PDIA4 is synthesized as a 625 amino acid precursor that contains a 20 amino acid signal sequence, and a 625 amino acid mature chain, including three thioredoxin domains. PDIA4 catalyzes the rearrangement of -S-S- bonds in proteins and is thought to be a deoxycytidine kinase. In addition, PDIA4 serves as a proteases protein disulfide isomerase, phospholipase or an arrangement of these.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Vibrio cholerae infection



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