Recombinant Human PDIA4

Catalog No: CA58

Description	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.
Source	Human Cells
Alternative name	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
Accession No.	P13667
Formulation	Supplied as a 0.2 μm filtered solution of 20mM TrisHCl,150mM NaCl,10%Glycerol, pH7.5.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Background	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.

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