

Recombinant Human ERP72/PDIA4 Protein (aa 21-645, His Tag)

Catalog No. PKSH032956

Note: Centrifuge before opening to ensure complete recovery of vial contents.

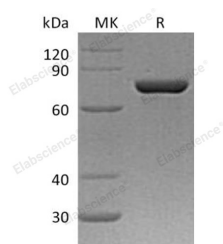
Description

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
Species	Human
Expression Host	HEK293 Cells
Sequence	Val21-Leu645
Accession	P13667
Calculated Molecular Weight	71.7 kDa
Observed molecular weight	75 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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

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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.