

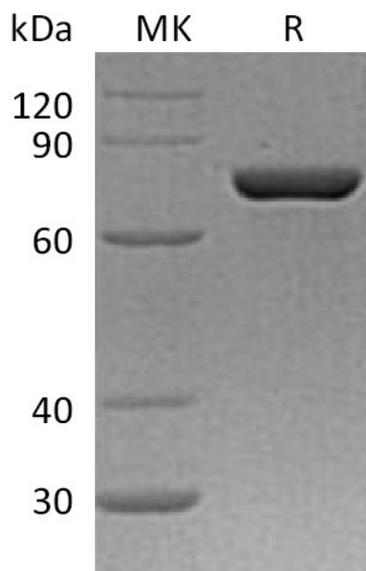
Product Name: Recombinant Human PDIA4 (C-6His)
Catalog #: PHH1385



Summary

Name	Protein disulfide-isomerase A4/PDIA4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P13667
Host	Human Cells
Species	Human
Predicted Molecular Mass	71.7 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.