

Recombinant Human Protein Disulfide Isomerase Family A, Member 2

Cat. No. PDIA2-672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Protein disulfide isomerase or PDI (EC 5.3.4.1) is an enzyme in the endoplasmic reticulum in eukaryotes or periplasmic space of prokaryotes that catalyzes the formation and breakage of disulfide bonds between cysteine residues within proteins as they fold. This allows proteins to quickly find the correct arrangement of disulfide bonds in their fully-folded state, and therefore the enzyme acts to catalyze protein folding.
Source/Host	E.coli.
Concentration	3.3mg/ml.
Purity	≥99%.
Formulation	Liquid. In PBS.
Application	Western Blot.
Short Term Storage	+4°C.

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Long Term Storage -80°C.

Handling Avoid freeze/thaw cycles. For maximum product recovery after thawing, centrifuge the vial before opening the cap.

GENE INFORMATION

Gene Name PDIA2 protein disulfide isomerase family A, member 2 [Homo sapiens]

Synonyms protein disulfide isomerase family A, member 2; PDI; PDA2; PDIP; PDIR; PDIA2; protein disulfide-isomerase A2; protein disulfide isomerase A2; Rho GDP dissociation inhibitor gamma; pancreatic protein disulfide isomerase; protein disulfide isomerase, pancreatic; protein disulfide isomerase-associated 2; PDip; EC 5.3.4.1

Gene ID 64714

mRNA Refseq NM_006849

Protein Refseq NP_006840

MIM 608012

UniProt ID Q13087

Chromosome Location 16p13.3

Function protein disulfide isomerase activity; isomerase activity; protein binding

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