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Protein disulfide-Isomerase (PDI)

Protein disulfide Isomerase (PDI), is a member of the Thioredoxin superfamily of redox proteins. PDI has three catalytic activities including, thiol-disulfide Oxidoreductase, disulfide Isomerase and redox-dependent chaperone. Originally, PDI was identified in the lumen of the endoplasmic reticulum and subsequently detected at additional locations, such as cell surfaces and the cytosol. This review will provide an overview of the recent advances in relating the structural features of PDI to its multiple catalytic roles as well as its physiological and pathophysiological functions related to redox regulation and protein folding.

Classification: Enzyme

Cat no.: CCK-PDI250

EC no.: 5.3.4.1

Gene Ontology: AmiGO / QuickGO

PDB structures: RCSB PDB PDBe PDBsum

CAS no.: 37318-49-3

PDI, Laboratory ELISA kits, Protein Disulfide Isomerase, for Research Laboratories kit consumable extract, produced in Shanghai Coon Koon Biotech Ltd, Made in China, package 250 mL.

