

## Recombinant Human PDIA4 protein, hFc-tagged

Cat. No. PDIA4-8576H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDIA4 protein(P13667)(Met1-Thr641), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr641
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human PDIA4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 862 amino acids and has a predicted molecular mass of 97.2 kDa. The apparent molecular mass of the protein is approximately 96 kDa in SDS-PAGE under reducing conditions
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** PDIA4 protein disulfide isomerase family A, member 4 [ Homo sapiens ]

**Official Symbol** PDIA4

**Synonyms** PDIA4; protein disulfide isomerase family A, member 4; protein disulfide isomerase associated 4; protein disulfide-isomerase A4; ERP70; ERP72; ER protein 70; ER protein 72; protein disulfide isomerase-associated 4; endoplasmic reticulum resident protein 70; endoplasmic reticulum resident protein 72; protein disulfide isomerase related protein (calcium-binding protein, intestinal-related); ERp-72;

**Gene ID** 9601

**mRNA Refseq** NM\_004911

**Protein Refseq** NP\_004902

**UniProt ID** P13667

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