

Recombinant Human PDIA5 protein, His & T7-tagged

Cat. No. PDIA5-8230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDIA5 aa. (Trp378~Glu506 (Accession # Q14554)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Trp378~Glu506
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

PDIA5 protein disulfide isomerase family A member 5 [Homo sapiens (human)]

Official Symbol

PDIA5

Synonyms

PDIA5; protein disulfide isomerase family A member 5; PDIR; protein disulfide-isomerase A5; protein disulfide isomerase-associated 5; protein disulfide isomerase-related protein

Gene ID

10954

mRNA Refseq

NM_006810.3

Protein Refseq

NP_006801.1

UniProt ID

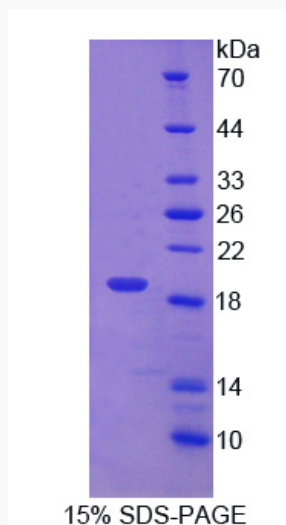
Q14554

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SDS-PAGE



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