

Recombinant Human PDIA3 protein, His-tagged

Cat. No. PDIA3-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDIA3 protein(161-505 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	161-505 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	DDSFSEAHSEFLKAASNLRDNYRFAHTNVESLVNEYDDNGEGIILFRPSHLTNKFED KTVAYTEQKMTSGKIKKFIQENIFGICPHMTEDNKKDLIQGKDLLIAYYDVDEYKNAKGS NYWRNRVMMVAKKFLDAGHKLNFAVASRKTFSELSDFGLESTAGEIPVVAIRTA GEKFVMQEEFSRDGKALERFLQDYFDGNLKRYLKSEPIPESNDGPVKVVAENFDEI VNNENKDVLIIFYAPWCGHCKNLEPKYKELGEKLSKDPNIVIAKMDATANDVPSPYE VRGFPTIYFSPANKKLNPKKYEGGRELSDFISYLQREATNPPVIEEKPKKKKKAQED L
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name PDIA3 protein disulfide isomerase family A, member 3 [Homo sapiens]

Official Symbol PDIA3

Synonyms

PDIA3; protein disulfide isomerase family A, member 3; glucose regulated protein, 58kDa , GRP58, protein disulfide isomerase associated 3; protein disulfide-isomerase A3; ERp57; ERp60; ERp61; GRP57; HsT17083; P58; PI PLC; ER protein 57; ER protein 60; phospholipase C-alpha; 58 kDa microsomal protein; disulfide isomerase ER-60; endoplasmic reticulum P58; 58 kDa glucose-regulated protein; glucose regulated protein, 58kDa; protein disulfide isomerase-associated 3; endoplasmic reticulum resident protein 57; endoplasmic reticulum resident protein 60; ER60; GRP58; PI-PLC;

Gene ID 2923

mRNA Refseq NM_005313

Protein Refseq NP_005304

MIM 602046

UniProt ID P30101

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SDS-PAGE

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