

Product Data Sheet

Recombinant Human PDIA6 Protein

Catalog #	Source	Reactivity	Applications
CRP2083	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human PDIA6 Protein is produced by Mammalian expression system and the target gene encoding Leu20-Leu440 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.		
Gene Symbol	PDIA6		
Alternative Names	ERP5; P5; TXNDC7; Protein disulfide-isomerase A6; Endoplasmic reticulum protein 5; ER protein 5; Erp5; Protein disulfide isomerase P5; Thioredoxin domain-containing protein 7		
Entrez Gene	10130 (Human)		
SwissProt	Q15084 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	LYSSDDVIE LTPSNFNREV IQSDSLWLVE FYAPWCGHCQ RLTPEWKKAA TALKDVVKVG AVDADKHHS L GGQYGVQGFP TIKIFGSNKN RPEDYQGGRT GE AIVDAALS ALRQLVKDRL GGRSGGYSSG KQGRSDSSSK KDVIELTDDS FDKNVLDSED VWMVEFYAPW CGHCKNLEPE WAAAASEVKE QTKGKVKLAA VDATVNQVLA SRYGIRGFPT IKIFQKGESP VDYDGGRTSR DIVSRALDLF SDNAPPPELL EIINEDIAKR TCEEHQLCVV AVLP HILDTG AAGRNSYLEV LLKLADKYKK KMWGWLWTEA GAQSELETAL GIGGFGYPAM AAINARKMKF ALLKGSFSEQ GINEFLRELS FGRGSTAPVG GGAFPTIVER EPWDGRDGEL PVEDDIDLSD VELDDL GKDE LVDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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