

Recombinant Human PDIA6 Protein

Catalog #	Source	Reactivity	Applications
CRP2083	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PDIA6 Protein is produced by our 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	<p>LYSSDDVIE LTPSNFNREV IQSDSLWLVE FYAPWCGHCQ RLTP EWKKA A TALKDVVKVG AVDADKHSL GGQYGVQGF TIKIFGSNKN RPEDYQGGRT GE AIVDAALS ALRQLVKDRL GGRSGGYSSG KQGRSDSSSK KDVIELTDDS FDKNVL DSED VWMVEFYAPW CGHCKNLEPE WAAAASEVKE QTKGKVKLAA VDATVNQVLA SRYGIRGFPT IKIFQKGESP VDYDGGRTRS DIVSRALDLF SDNAPPELL EIINEDIAKR TCEEHQLCVV AVLP HILDTG AAGRNSYLEV LLKLADKYKK KMWGWLWTEA GAQSELETAL GIGGFGYPAM AAINARKMKF ALLKGSFSEQ GINEFLRELS FGRGSTAPVG GGAFPTIVER EPWDGRDGEL PVEDDIDLSD VELDDLKDE LVDHHHHHH</p>		
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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Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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