

PDIA3 recombinant protein

Recombinant Human PDIA3 Protein

CATALOG # AAA263251	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

PDIA3; Recombinant Human PDIA3 Protein; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60; PDIA3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid in a 0.2 uM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Sequence	SDVLELTDDN FESRISDTGS AGLMLVEFFA PWCGHCKRLA PEYEEAATRL KGIVPLAKVD CTANTNTCNK YGVSGYPTLK IFRDGEEAGA YDGPRADGI VSHLKKQAGP ASVPLRTEEE FKKFISDKDA SIVGFFDDSF SEAHSEFLKA ASNLRDNYRF AHTNVESLVN EYDDNGEGII LFRPSHLTNK FEDKTVAYTE QKMTSGKIKK FIQENIFGIC PHMTEDNKDL IQGKDLLIAY YVDYKNAK GSNYWRNRVM MVAKKFLDAG HKLNFAVASR KTFSHELSDF GLESTAGEIP VVAIRTAKGE KFVMQEEFSR DGKALERFLQ DYFDGNLKRY LKSEPIPESN DGPVKVVVAE NFDEIVNNEN KDVLIIFYAP WCGHCKNLEP KYKELGEKLS KDPNIVIAKM DATANDVPSP YEVRGFPTIY FSPANKKLNK KKYEGGRELS DFISYLQREA TNPPVIQEEK PKKKKKAQED LVDHHHHHH
Sequence Length	505
Applicable Applications for PDIA3 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
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 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Store at -20°C to -80°C for one year.

ADDITIONAL INFORMATION

Related Product Information for PDIA3 recombinant protein	Recombinant Human PDIA3 Protein is produced by our mammalian expression system and the target gene encoding Ser25-Leu505 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361657
NCBI GeneID	2923
NCBI Accession #	NP_005304.3
NCBI GenBank Nucleotide #	NM_005313.4
UniProt Accession #	P30101; Q13453; Q14255; Q8IYF8; Q9UMU7; AAB37397

Molecular Weight	56,782 Da
NCBI Official Full Name	protein disulfide-isomerase A3
NCBI Official Synonym Full Names	protein disulfide isomerase family A member 3
NCBI Official Symbol	PDIA3
NCBI Official Synonym Symbols	P58; ER60; ERp57; ERp60; ERp61; GRP57; GRP58; PI-PLC; HsT17083; HEL-S-269; HEL-S-93n
NCBI Protein Information	protein disulfide-isomerase A3
UniProt Protein Name	Protein disulfide-isomerase A3
UniProt Gene Name	PDIA3
UniProt Synonym Gene Names	ERP57; ERP60; GRP58; p58; ER protein 57; ERp57; ER protein 60; ERp60
UniProt Entry Name	PDIA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pdia3-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263251>