

Disulfide-isomerase A2 Recombinant Protein | Pdia2 recombinant protein

Recombinant Mouse Protein disulfide-isomerase A2

CATALOG # AAA18658	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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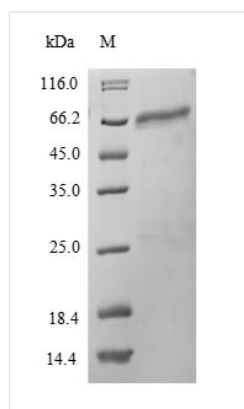
PRODUCT SYNONYMS

Disulfide-isomerase A2; Recombinant Mouse Protein disulfide-isomerase A2; Pdia2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-527aa; Full Length of Mature Protein
Sequence	QGEPPGGPSE VLPEEPTGEE VPKEDGILVL NHRTLSLALQ EHSALMVEFY APWCGHCKEL APEYSKAAAL LAAESAVVTL AKVDGPAEPE LTKEFEVVG Y PTLKFFQNGN RTNP E EYAGP KTAEGIAEWL RRRVGPSATH LEDEEGVQAL MAKWDMVVIG FFQDLQ GKDM ATFLALAKDA LDMTFGFTDQ PQLFEKFGLT KDTVVLFKKF DEGRADFPVD KETGLDLGDL SRFLVIHSMH LVTEFNSQTS PKIFA AKILN HLLLFVNQTL AQHRELLTDF REAAPPFRGQ VLFVMVDVAA DNSHVLNYFG LKAE EAPT LR LINVETTKKY APTGVIAITA ASVA AFCQAV LHGEIKHYLL SQEIPPDWDQ GPVKTLVSKN FEQVAFDETK NVFVKFYAPW CSHCKEMAPA WEALAEKYKD REDIVIAELD ATANELEAFS VLGYP TLKFF PAGPDRKVID YKSTRDLET F SKFLDSGGHL PKEEPKEPAA SAPEAQANST LGPKEEL
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pdia2 recombinant protein	Acts as an intracellular estrogen-binding protein. May be involved in modulating cellular levels and biological functions of estrogens in the pancreas. May act as a chaperone that inhibits aggregation of misfolded proteins.
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References	Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamouis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Molecular characterization of a pancreas-specific protein disulfide isomerase, PDip.Desilva M.G., Notkins A.L., Lan M.S.DNA Cell Biol. 16:269-274(1997)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124486724
NCBI GeneID	69191
NCBI Accession #	NP_001074539.1
NCBI GenBank Nucleotide #	NM_001081070.1
UniProt Accession #	D3Z6P0; Q14AV9
Molecular Weight	58.2 kDa
NCBI Official Full Name	protein disulfide-isomerase A2
NCBI Official Synonym Full Names	protein disulfide isomerase associated 2
NCBI Official Symbol	Pdia2
NCBI Official Synonym Symbols	Pdip; Pdipl; AI661267; 1810041F13Rik
NCBI Protein Information	protein disulfide-isomerase A2
UniProt Protein Name	Protein disulfide-isomerase A2
UniProt Gene Name	Pdia2
UniProt Entry Name	PDIA2_MOUSE

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.