



# Recombinant Human Protein disulfide-isomerase A4 (PDIA4)

<b>Product Code</b>	CSB-BP017722HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P13667
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	VAGAEGPDED SSNRENAIED EEEEEEDDD EEEDDLEVKE ENGLVLNDA NFDNFVADKD TVLLEFYAPW CGHCKQFAPE YEKIANILKD KDPPIPVAKI DATSASVLAS RFDVSGYPTI KILKKGQAVD YEGSRTQEEI VAKVREVSQP DWTTPPEVTL VLTKENFDEV VNDADIILVE FYAPWCGHCK KLAPEYEKAA KELSKRSPPI PLAKVDATEAE TDLAKRFDVS GYPTLKIFRK GRPYDYNGPR EKYGIVDYMI EQSGPPSKEI LTLKQVQEFL KDGDDVIIIIG VFKGESDPAY QQYQDAANNL REDYKFHHTF STEIAKFLKV SQGQLVVMQP EKFSQKYEPR SHMMDVQGST QDSAIKDFVL KYALPLVGHR KVSNDAKRYT RRPLVVVYYS VDFSFDYRAA TQFWRSKYLE VAKDFPEYTF AIADEEDYAG EVKDLGLSES GEDVNAAILD ESGKKFAMEP EEFDSDTLRE FVTAFKKGKL KPVIKSQPVP KNNKGPVKVV VGKTFDSIVM DPKKDV LIEF YAPWCGHCKQ LEPVYNSLAK KYKGQKGLVI AKMDATANDV PSDRYKVEGF PTIYFAPSGD KKNPVKFEGG DRDLEHLSKF IEEHATKLSR TKEEL
<b>Source</b>	Baculovirus
<b>Target Names</b>	PDIA4
<b>Protein Names</b>	Recommended name: Protein disulfide-isomerase A4 EC= 5.3.4.1 Alternative name(s): Endoplasmic reticulum resident protein 70 Short name= ER protein 70 Short name= ERp70 Endoplasmic reticulum resident protein 72 Short na
<b>Expression Region</b>	21-645
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.