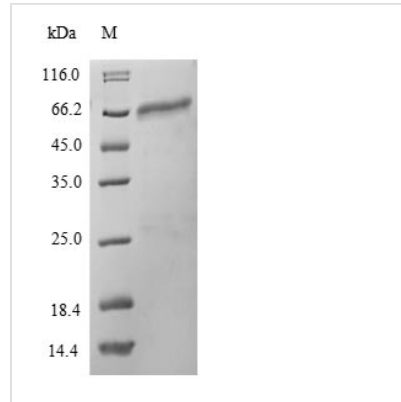




# Recombinant Mouse Protein disulfide-isomerase A2 (Pdia2)

<b>Product Code</b>	CSB-EP017719MO
<b>Relevance</b>	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 .
<b>Abbreviation</b>	Recombinant Mouse Pdia2 protein
<b>Storage</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.
<b>Uniprot No.</b>	D3Z6P0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	<p>QGEEPPGGPSEVLPEEPTGEEVPKEDGILVLNHR TLSLALQEHSALMVEFYAPW  CGHCKELAPEYSKAAALLAAESAVVTLAKVDGPAEPELTKEFEVVGYP TLKFF  QNGNRTNPEEYAGPKTAEGIAEWLRRRVGPSATHLEDEEGVQALMAKWDMV  VIGFFQDLQGKDMATFLALAKDALDMTFGF TDQPQLFEKFGLTKD TVVLFKKF  DEGRADFPVDKETGLDLGDL SRFLVIHSMHLVTEFNSQTSPKIFA AKILNHLLLF  VNQTLAQHRELLTDFREAAP PFRGQVLFVMVDVAADNSHVLN YFGLKAE EAP  TLRLIN VETTKKYAPTGVIAITAASVA AFCQAVLHGEIKHYLLS QEIPPDWDQGP  VKTLVSKNFEQVAFDETKNV FVKFYAPWCSHCKEMAPAW EALAEKYKDREDI  VIAELDATANELEAFSVLGYPTL KFFFPAGPDRKVIDYKSTRDLETFSKFL DSSG  HLPKEEPKEPAASAPEAQANSTLGPKEEL</p>
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	Pdia2
<b>Expression Region</b>	21-527aa
<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>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	72.2kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

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.

### Shelf Life

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.