

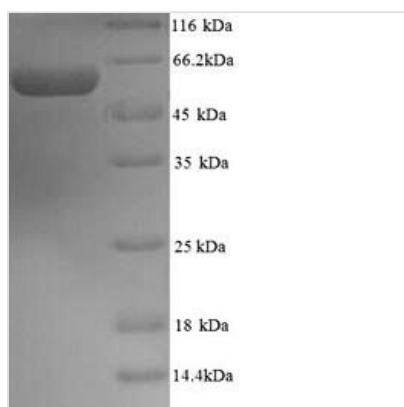


Recombinant Mouse Protein disulfide-isomerase A2 (Pdia2)

Product Code	CSB-YP017719MO
Relevance	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 .
Abbreviation	Recombinant Mouse Pdia2 protein
Storage	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.
Uniprot No.	D3Z6P0
Alias	PDIp
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QGEEPPGGPSEVLPEEPTGEEVPKEDGILVLNHRTLSLALQEHSALMVEFYAPW CGHCKELAPEYSKAAALLAAESAVVTLAKVDGPAPELTKEFEVVGYP TLKFF QNGNRTNPEEYAGPKTAEGIAEWLRRRVGSPATHLEDEEGVQALMAKWDMV VIGFFQDLQGKDMATFLALAKDALDMTFGFTDQPQLFEKFGLTKD TVVLFKKF DEGRADFPVDKETGLDLGDL SRFLVIHSMHLVTEFNSQTS PKIFA AKILNHLLLF VNQTLAQHRELLTDFREAAPPFRGQVLFVMVDVAADNSHVLN YFGLK AEEAP TLRLIN VETTKKYAPTGVIAITAASVA AFCQAVLHGEIKHYLLS QEIPPDWDQGP VKTLVSKNF EQVAFDETKNV FVKFYAPWCSHCKEMAPAW EALAEKYKDREDI VIAELDATANELEAFSVLGYPTLKFFPAGPDRKVIDYKSTRDLETFSKFLDSSG HLPKEEPKEPAASAPEAQANSTLGPKEEL
Research Area	Others
Source	Yeast
Target Names	Pdia2
Protein Names	Recommended name: Protein disulfide-isomerase A2 EC= 5.3.4.1 Alternative name(s): PDIp
Expression Region	21-527aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	58.2kDa
Protein Length	Full Length of Mature Protein



Image



(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.