

Recombinant Mouse PDIA2 Protein (21-527 aa), His-tagged

Cat. No. PDIA2-1481M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PDIA2 Protein (21-527 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	21-527 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	58.2 kDa
AA Sequence	QGEPPGGPSEVLPEEPTGEEVPKEDGILVLNHRTLSLALQEHSA LMVEFYAPWCGH CKELAPEYSKAAALLAAESAVVTLAKVDGPAEPELTKEFEVVGYP TLKFFQNGNRTN PEEYAGPKTAEGIAEWLRRRVGPSATHLEDEEGVQALMAKWDMV VIGFFQDLQ GK DMATFLALAKDALDMTFGFTDQPQLFEKFGLTKD TVVLFKKFDEGRADFPVDKETGL DLGDLSRFLVIHSMHLVTEFNSQTSPKIFAAKILNHL LFNQT LAQHRELLTDFREAA PPFRGQVLFVMVDVAADNSHVLNYFGLKAE EAPTLRLIN VETTKKYAPTGVIAITAAS VAAFCQAVLHGEIKHYLLSQEIPPDWDQGPVKTLVSKNF EQVAFDETKNVFVKFYAP

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	WCSHCKEMAPAWWEALAEKYKDREDIVIAELDATANELEAFSVLGYPTLKFFPAGPDR KVIDYKSTRDLETFSKFLDSGGHLPKEEPKEPAASAPEAQANSTLGPKEEL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

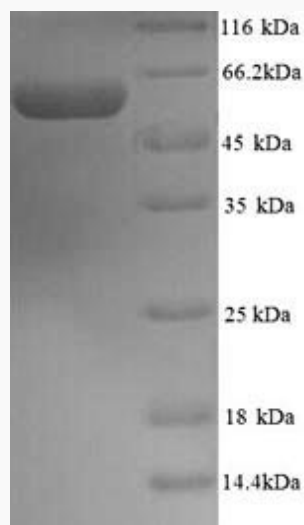
GENE INFORMATION

Gene Name	Pdia2 protein disulfide isomerase associated 2 [Mus musculus]
Official Symbol	PDIA2
Synonyms	PDIA2; Pdip; Pdipl; AI661267; 1810041F13Rik; MGC144891;
Gene ID	69191
mRNA Refseq	NM_001081070
Protein Refseq	NP_001074539
UniProt ID	D3Z6P0

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

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