

Recombinant Mouse Pdia2 protein, His-SUMO-tagged

Cat. No. Pdia2-3327M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdia2 protein(D3Z6P0)(21-527aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-527aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	72.2 kDa
AA Sequence	QGEPPGGPSEVLPEEPTGEEVPKEDGILVLNHRTLNLALQEHSLMVEFYAPWCGH CKELAPEYSKAAALLAAESAVVTLAKVDGPAEPELTKEFEVVGYPYTLKFFQNGNRTN PEEYAGPKTAEGIAEWLRRRVGPSATHLEDEEGVQALMAKWDMVVIGFFQDLQGGK DMATFLALAKDALDMTFGFTDQPQLFEKFGLTKDVTVLFFKKFDEGRADFPVDKETGL DLGDLSRFLVIHSMHLVTEFNSQTSPIFAAKILNHLFFVNQTLAQHRELLTDFREAA PPFRGQVLFFVMVDVAADNSHVLNYFGLKAEEAPTLLRLINVETTKKYAPTGVIAITAAS VAAFCQAVLHGEIKHYLLSQEIPPDWDQGPVKTLVSKNFEQVAFDETKNVFKFYAP WCSHCKEMAPAWELAKEYKDREDIVIAELDATANELEAFSVLGYPTLKFFPAGPDR KVIDYKSTRDLETFSKFLDSGGHLPKEEPKEPAASAPEAQANSTLGPKEEL

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	Pdia2 protein disulfide isomerase associated 2 [Mus musculus]
Official Symbol	Pdia2
Synonyms	PDIA2; protein disulfide isomerase associated 2; protein disulfide-isomerase A2; protein disulfide isomerase, pancreatic; protein disulfide isomerase (pancreas) like; Pdip; Pdipl; AI661267; 1810041F13Rik; MGC144891;
Gene ID	69191
mRNA Refseq	NM_001081070
Protein Refseq	NP_001074539

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