

Recombinant Mouse Pdia6 Protein, Myc/DDK-tagged

Cat. No. Pdia6-4764M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein disulfide isomerase associated 6 (Pdia6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May function as a chaperone that inhibits aggregation of misfolded proteins Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling. May also regulate the UPR via the EIF2AK3 UPR sensor. Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.
Molecular Mass	48.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pdia6 protein disulfide isomerase associated 6 [Mus musculus (house mouse)]
Official Symbol	Pdia6
Synonyms	PDIA6; protein disulfide isomerase associated 6; protein disulfide-isomerase A6; thioredoxin domain containing 7; thioredoxin domain-containing protein 7; protein disulfide isomerase-related protein; P5; CaBP5; C77895; Txndc7; AL023058; 1700015E05Rik
Gene ID	71853
mRNA Refseq	NM_027959
Protein Refseq	NP_082235
UniProt ID	Q922R8

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