

Recombinant Cyno monkey PDIA6 Protein, C terminal His-tagged

Cat. No. PDIA6-3359C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cyno monkey PDIA6 Protein with C terminal His-tag was expressed in HEK293.
Species	Monkey
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.
Form	Sterile PBS, pH7.4
AASequence	LYSSDDVIELTPSNFNREVIQSDSLWLVEFYAPWCGHCQRLTPEWKKAATALKDV VKVGAVDADKHQSLGGQYGVVQGFPTIKIFGSNKNRPEDYQGGRTGEAIVDAALSAL RQLVKDRLGGRSGGYSSGKQGRSDSSSKKDVIELTDDSFENVLDSEDVMMVEFY APWCGHCKNLEPEWAAAASEVKEQTKGKVKLAAVDATVNQVLASRYGIRGFPTIKIF QKGESPVVDYDGGRTSRDIVSRALDLFSDNAPPELLEIINEDIAKRTCEEHQLCVVAV LPHILDTGAAGRNSYLEVLLKMADKYKKKMWGWLWTEAGAQSELETALGIGGFGYP AMAAINARKMKFALLKGSFSEQGINEFLRELSFGRGSTAPVGGGAFPTIVEREPWDG RDGELPVEDDIDLSDELDDLKDELHHHHHHHHHH

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Endotoxin	< 0.1 EU/μg by LAL
Purity	> 95 % by SEC-HPLC
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.96 mg/mL by BCA

GENE INFORMATION

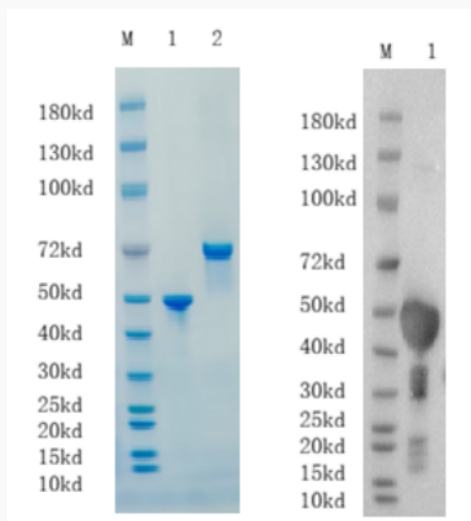
Gene Name	PDIA6 protein disulfide isomerase family A member 6 [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	PDIA6
Synonyms	PDIA6; protein disulfide isomerase family A member 6; protein disulfide-isomerase A6; EC 5.3.4.1
Gene ID	706781
mRNA Refseq	NM_001266635
Protein Refseq	NP_001253564
UniProt ID	F6T4D4

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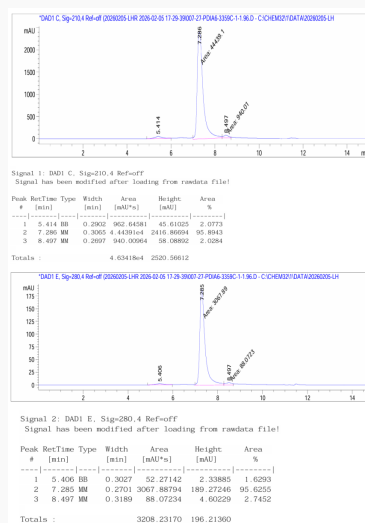
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SDS-PAGE and WB



Reducing 12 % SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profile of purified PDIA6. 1. PDIA6: 1 µg 2. BSA: 1 µg

SEC-HPLC analysis profiles of purified PDIA6.



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