

Product datasheet for TP507098

Pdia6 (NM_027959) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein disulfide isomerase associated 6 (Pdia6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207098 protein sequence Red =Cloning site Green =Tags(s)
	<p>MRVIGMARLVGLVLSCTFFLAVSGLYSSDDVIELTPSNFNREVIQSDGLWLVEFYAPWCGHCQRLTPEW KKAATALKDVKVGAVNADKHQSLGGQYGVQGFPTIKIFGANKNKPEDYQGGRTEAIVDAALSALRQLV KDRLGGRSGGYSSGKQGRGDSSSKDVVELTDDTFDKNLVLDSEVWVMVEFYAPWCGHCKNLEPEWAAAAT EVKEQTKGKVKLAAVDATVNQVLASRYGIGKGFPTIKIFQKGESPVYDGGRRTRSDIVSRALDLFSDNAPP PELLEIINEDIAKKTCEEHQLCVAVLPHILDTGAAGRNSYLEVLLKLADKYKKKMWGWLWTEAGAQYEL ENALGIGGGFGYPAMAAINARKMKFALLKGSFSEQGINEFLRELSFGRGSTAPVGGGSFPTITPREPWDGK DGELPVEDDIDLSDELDDLEKDEL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_082235
Locus ID:	71853



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UniProt ID: [Q922R8](#), [Q3TML0](#)

RefSeq Size: 2125

Cytogenetics: 12 A1.1

RefSeq ORF: 1338

Synonyms: 1700015E05Rik; AL023058; C77895; CaBP5; P5; Txndc7

Summary: May function as a chaperone that inhibits aggregation of misfolded proteins (PubMed:24508390). Negatively regulates the unfolded protein response (UPR) through binding to UPR sensors such as ERN1, which in turn inactivates ERN1 signaling (By similarity). May also regulate the UPR via the EIF2AK3 UPR sensor (By similarity). Plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin (By similarity).
[UniProtKB/Swiss-Prot Function]