

Product Name: Recombinant Human PDIA6 (C-6His)
Catalog #: PHH1386

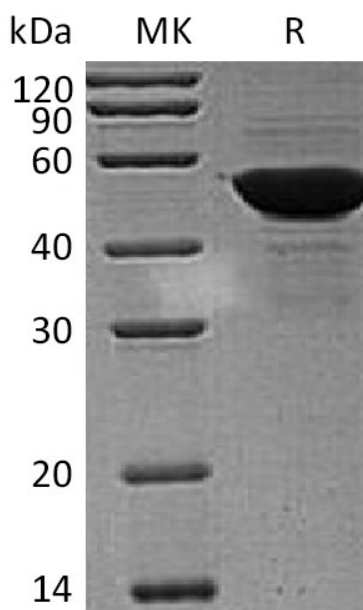


Summary

Name	Protein disulfide-isomerase A6/PDIA6
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Protein Disulfide-Isomerase A6 is produced by our Mammalian expression system and the target gene encoding Leu20-Leu440 is expressed with a 6His tag at the C-terminus.
Accession #	Q15084
Host	Human Cells
Species	Human
Predicted Molecular Mass	47.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Protein Disulfide-Isomerase A6; Endoplasmic Reticulum Protein 5; ER Protein 5; ERp5; Protein Disulfide Isomerase P5; Thioredoxin Domain-Containing Protein 7; PDIA6; ERP5; P5; TXNDC7

Background

Protein Disulfide-Isomerase A6 (PDIA6) is a 48.5kDa protein that belongs to the protein disulfide isomerase family (PDI). PDIA6 is an enzyme in the endoplasmic reticulum in eukaryotes which catalyzes the formation and breakage of disulfide bonds between cysteine residues within proteins as they fold. The PDIA6 expressed in platelets, its functions as a chaperone that inhibits aggregation of misfolded proteins. PDIA6 is part a large chaperone multiprotein complex comprising DNAJB11, HSP90B1, HSPA5, HYOU, PDIA2, PDIA4, PDIA6, PPIB, SDF2L1, UGT1A1. PDIA6 also plays a role in platelet aggregation and activation by agonists such as convulxin, collagen and thrombin.

Note

For Research Use Only , Not for Diagnostic Use.