

Recombinant Human Protein Disulfide-Isomerase A6/PDIA6 Protein(C-6His)

Cat.NO.: TP05437

3th Edition

Synonyms: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

Description: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.

Form:PBS

Molecular Weight:47.2 kDa

Sequences:Leu20-Leu440

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.