

**Recombinant Human Protein Disulfide-Isomerase A3/PDIA3 Protein(C-6His)**

**Cat.NO.: TP06010**

3th Edition

**Synonyms:**PDIA3 protein;Protein disulfide-isomerase A3;58 kDa glucose-regulated protein;Disulfide isomerase ER-60;ER protein 57

**Description:**PDIA3 protein is also known as Protein disulfide-isomerase A3. It is a protein that in humans is encoded by the PDIA3 gene.PDIA3 is an enzyme that belongs to the endoplasmic reticulum and interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. PDIA3 interacts with thiazide-sensitive sodium-chloride cotransporter in the kidney and is induced by glucose deprivation. PDIA3 is part of the major histocompatibility complex (MHC) class I peptide-loading complex (TAP1), which is important for formation of the final antigen conformation and export from the endoplasmic reticulum to the cell surface.

**Form:**PBS

**Molecular Weight:**55.3 kDa

**Sequences:**Ser25-Leu505

**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.