

## PDIA5 Protein, Human, Recombinant (His)

### General Information

Synonyms:	Protein disulfide isomerase-related protein;PDIR;PDIA5;Protein disulfide-isomerase A5
Protein Construction:	Ser22-Leu262
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q14554-2
Molecular Weight:	30 KDa (reducing condition)
AA Sequence:	Ser22-Leu262

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM Acetate, 8% Sucrose, 0.05% Tween 80, pH5.0.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Protein disulfide-isomerase A5 is a 519 amino acids protein that belongs to the protein disulfide isomerase family. It contains 3 thioredoxin domains. It can catalyze the rearrangement of -S-S- bonds in proteins.

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