

Human ERP72 / PDIA4 (His Tag) recombinant protein



Catalog Number: 501831

General Information

Gene Name Synonym

Endoplasmic reticulum resident protein 70;
Endoplasmic reticulum resident protein 72

Protein Construction

A DNA sequence encoding the human PDIA4 (P13667) (Met1-Thr641) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Val 21

Molecular Mass

The recombinant human PDIA4 comprises 632 amino acids and has a predicted molecular mass of 71.6 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

Usage Guide

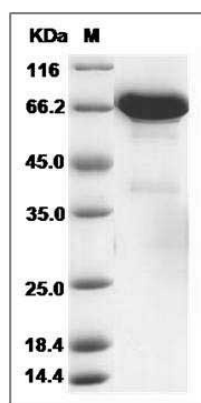
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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