

Human Peroxiredoxin 5/PRDX5 (His Tag) recombinant protein



Catalog Number: 501006

General Information

Gene Name Synonym

Alu corepressor 1; Antioxidant enzyme B166; Liver tissue 2D-page spot 71B; PLP; Peroxiredoxin V; Peroxisomal antioxidant enzyme; TPx type VI; Thioredoxin peroxidase PMP20; Thioredoxin reductase

Protein Construction

A DNA sequence encoding the human PRDX5 (isoform cytoplasmic + peroxisomal) (P30044-2) (Met 53-Leu 214) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant human PRDX5 comprises 173 amino acids and has a predicted molecular mass of 18.5 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

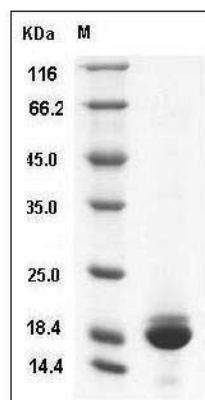
Storage

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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