

# Human Peroxiredoxin 6/PRDX6 (His Tag) recombinant protein



Catalog Number: 501195

## General Information

### Gene Name Synonym

1-Cys peroxiredoxin; 24 kDa protein; Acidic calcium-independent phospholipase A2; Antioxidant protein 2; Liver 2D page spot 40; Non-selenium glutathione peroxidase; Red blood cells page spot 12

### Protein Construction

A DNA sequence encoding the human PRDX6 (P30041) (Met 1-Pro 224) 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 PRDX6 comprises 235 amino acids and has a predicted molecular mass of 26.5 kDa as estimated in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

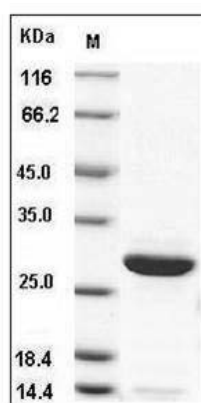
### Storage

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



Human Peroxiredoxin 6 / PRDX6 Protein (His Tag)  
SDS-PAGE