

Mouse Peroxiredoxin 1/PRDX1 (His Tag) recombinant protein



Catalog Number: 501546

General Information

Gene Name Synonym

Macrophage 23 kDa stress protein; Osteoblast-specific factor 3; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2

Protein Construction

A DNA sequence encoding the mouse PRDX1 (P35700) (Met 1-Lys 199) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

E. coli

QC Testing

Purity

> 85 % 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 1

Molecular Mass

The recombinant mouse PRDX1 comprises 209 amino acids and has a calculated molecular mass of 23.5 kDa. The recombinant protein migrates as an approximately 27 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, 10% glycerol, 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

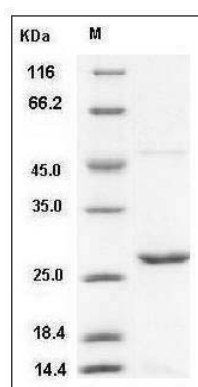
Storage

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



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