

Human Peroxiredoxin 1/PRDX1 (His Tag) recombinant protein



Catalog Number: 501667

General Information

Gene Name Synonym

Natural killer cell-enhancing factor A;
Proliferation-associated gene protein; Thioredoxin
peroxidase 2; Thioredoxin-dependent peroxide
reductase 2

Protein Construction

A DNA sequence encoding the human PRDX1
(NP_002565.1) (Met 1-Lys 199) was expressed,
with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % 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 human PRDX1 comprises 205
amino acids and has a predicted molecular mass
of 22.9 kDa as estimated in SDS-PAGE under
reducing conditions.

Formulation

Lyophilized from sterile PBS, 10% glycerol,
0.1mM DTT, 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

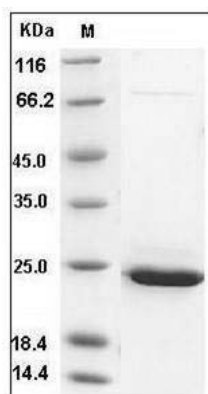
Storage

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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