# Human glutaredoxin-1 / GRX1 / GLRX (His Tag) recombinant protein

Catalog Number: 500895

## **General Information**

#### Gene Name Synonym

Thioltransferase-1

#### **Protein Construction**

A DNA sequence encoding the human GLRX (P35754)(Met1-Gln106) was expressed with a polyhistidine tag at the N-terminus.

#### Organism

Human

## **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**

His

#### **Molecular Mass**

The recombinant human GLRX consists of 121 amino acids and predicts a molecular mass of 13.6

KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile 50mM Tirs, 10% Glycerol, 1mM DTT, pH 8.0.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

# **Usage Guide**

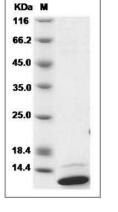
#### Storage

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 Glutaredoxin / GRX1 / GLRX Protein (His Tag) SDS-PAGE

