

Human TXNRD1 (aa 161-647, His Tag) recombinant protein



Catalog Number: 501500

General Information

Gene Name Synonym

Gene associated with retinoic and interferon-induced mortality 12 protein; KM-102-derived reductase-like factor; Thioredoxin reductase TR1

Protein Construction

A DNA sequence encoding the human TXNRD1 isoform 1 (Q16881-1) (Tyr 161-Cys 647) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 90 % 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 TXNRD1 consisting of 498 amino acids and has a calculated molecular mass of 55 kDa. It migrates as an 60 kDa band in SDS-PAGE under reducing conditions as predicted.

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

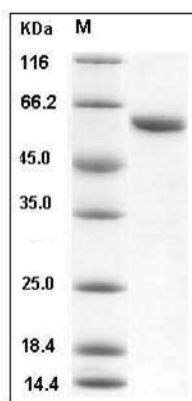
Storage

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 TXNRD1 / TRXR1 Protein (aa 161-647, His Tag) SDS-PAGE