

Mouse Thioredoxin/TXN/SASP recombinant protein



Catalog Number: 501380

General Information

Gene Name Synonym

ATL-derived factor

Protein Construction

A DNA sequence encoding the mouse Txn (P10639) (Met1-Val105) was expressed and purified.

Organism

Mouse

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to catalyze the reduction of insulin. The reaction leads to precipitation, which can be measured by absorbance at 650 nm. The specific activity is >4 A₆₅₀/min/mg.

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 mouse Txn consists of 105 amino acids and predicts a molecular mass of 11.7 KDa. It migrates as an approximately 15 KDa band 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

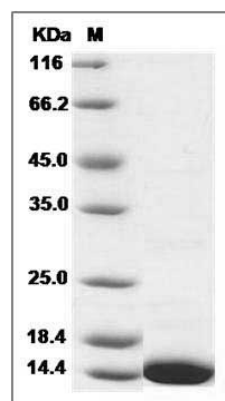
Storage

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



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