

E.Coli TXN1 Recombinant Protein



RPPB5927

Product Information Protein Information

Product SKU:

RPPB5927

Protein description:

Recombinant Thioredoxin was purified from E. coli harboring its gene.

Accession:

P0AA25

Appearance:

Sterile Lyophilized Powder.

Host:

Escherichia Coli.

Synonyms:

Thioredoxin-1, Trx-1, trxA, fipA, tsnC, b3781, JW5856.

Formulation:

Each mg of protein contains 20mM phosphate buffer pH 7.4.

Purity:

Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TRX in sterile 18MΩ-cm H₂O.

Stability:

TRX although stable at 4°C for 3 weeks, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Amino Acid Sequence:

HMSDKIIHL TDDSFDTDVLKADGAIL VDFW AEWCGPCKMIAPILDEI
GKLTVAKLNIDQNPQTAPKYGIRGIPTLLLFKNGEVAATKVGAL DANLA.

Biological Activity:

TRX activity is assayed by measuring the change in absorbance at 650 nm at 25°C using 0.13μM bovine insulin containing 0.33mM DTT (pH 6.5).The specific activity was found to be 3IU/mg.