

Mouse TXN Recombinant Protein



RPPB5048

Product Information Protein Information

Product SKU:

RPPB5048

Accession:

P10639

Host:

Escherichia Coli.

Protein description:

TXN Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 128 amino acids (1-105 a.a.) and having a molecular mass of 14.1kDa. TXN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

TRX1, TRX2, Thioredoxin-1, Thioredoxin I, TR-I, Thioredoxin-2, Thioredoxin-1, ADF, Surface associated sulphhydryl protein, TXN protein, ATL derived factor, DKFZp686B1993, MGC61975, SASP, Thioredoxin, TRDX, TRX, TRX 1, TXN.

Formulation:

TXN protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMVKLIES KEAFQEALAA AGDKLVVDF SATWCGPCKM IKPFFHSLCD
KYSNVVFLEV DVDDCQDVAA DCEVKCMPTF QFYKKGQKVG EFSGANKEKL EASITEYA.

Biological Activity:

Specific activity is >60 A650/cm/min/mg, obtained by measuring the increase of insulin precipitation in absorbance at 650 nm resulting from the reduction of insulin.