

# TXN1 Recombinant Protein



RPPB5046

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## Product Information   Protein Information

**Product SKU:**

RPPB5046

**Accession:**

P0AA25

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Thioredoxin produced in E.Coli is a single, non-glycosylated polypeptide chain containing 119 amino acids (2-109 a.a.) and having a molecular mass of 12.9kDa. TRX contains an amino acid His Tag N-terminus and is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

The TRX His Tag protein solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 85.0% 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:**

MHHHHHHMGS DKIIHLTDDS FDTDVLKADG AILVDFWAEW CGPCKMIAPL LDEIADEYQG KLTVAKLNID  
QNPGTAPKYG IRGIPTLLLF KNGEVAATKV GALSKGQLKE FLDANLAGS.