

Human TXN1 Recombinant Protein



RPPB5047

Product Information Protein Information

Product SKU:

RPPB5047

Accession:

P10301

Host:

Escherichia Coli.

Protein description:

Thioredoxin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 125 amino acids (1-105 a.a.) and having a molecular mass of 13.9 kDa (Molecular weight on SDS-PAGE will appear higher). TXN protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Thioredoxin, ATL-derived factor, ADF, Surface-associated sulphhydryl protein, SASP, TXN, TRDX, TRX, TRX1, MGC61975, DKFZp686B1993.

Formulation:

TXN1 solution containing 1x PBS pH 7.4.

Purity:

Greater than 95.0% 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 MVKQIESKTA FQEALDAAGD KLVVDFSAT WCGPCKMIKP FFHSLSEKYS NVIFLEVDVD DCQDVASECE VKCMPTFQFF KKGQKVGFEFS GANKEKLEAT INELV.

Biological Activity:

Specific activity is 7-10 A650/min/mg, obtained by measuring the increase of insulin precipitation in absorbance at 650 nm resulting from the reduction of insulin.