

Human TXN2 Recombinant Protein



RPPB5049

Product Information Protein Information

Product SKU:

RPPB5049

Accession:

Q99757

Host:

Escherichia Coli.

Protein description:

MTRX Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 108 amino acids and having a molecular mass of 11 kDa.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Thioredoxin mitochondrial, Thioredoxin-2, TXN2, MTRX, TRX2, MT-TRX, TRX-2, TXN-2.

Formulation:

TXN2 protein solution contains 1x PBS pH-7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis 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:

MTTFNIQDGP DFQDRVVNSE TPVVVDFHAQ WCGPCKILGP RLEKMVAKQH GKVVMAKVDI DDHTDLAIEY
EVSAPPTVLA MKNGDVVDKF VGIKDEDQLE AFLKKLIG.

Biological Activity:

Specific activity is 3-4 A650/min/mg, obtained by measuring the increase of INS precipitation in absorbance at 650 nm resulting from the reduction of INS.