

Recombinant Human TXN2 Protein, His-tagged

Cat. No. TXN2-473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXN2 Protein(Q99757) (Thr 60-Gly 166) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	60-166 aa
Form	Lyophilized from sterile PBS, pH 8.3.
Bio-activity	Measured by its ability to catalyze the reduction of insulin. The reaction leads to precipitation, which can be measured by absorbance at 650 nm. The specific activity is 5-8 A650/min/mg.
Molecular Mass	The recombinant human TXN2 consisting of 118 amino acids and has a calculated molecular mass of 13.4 kDa. The apparent molecular mass of the protein is approximately 13 kDa in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TXN2 thioredoxin 2 [Homo sapiens]

Official Symbol TXN2

Synonyms TXN2; thioredoxin 2; thioredoxin, mitochondrial; MT TRX; thioredoxin-2; mitochondrial thioredoxin; MTRX; TRX2; MT-TRX;

Gene ID 25828

mRNA Refseq NM_012473

Protein Refseq NP_036605

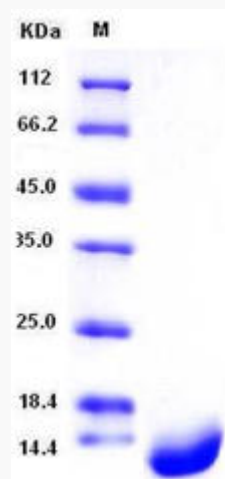
MIM 609063

UniProt ID Q99757

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SDS-PAGE

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