

Recombinant Human TXNL1, His-tagged

Cat. No. TXNL1-31636TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TXNL1 with an N terminal His tag; 309 amino acids with tag, Predicted MWt 34.4 kDa.
Species	Human
Source	E.coli
ProteinLength	289 amino acids
Description	Thioredoxin-like protein 1 is a protein that in humans is encoded by the TXNL1 gene.
Conjugation	HIS
Molecular Weight	34.400kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMVGVPVGSDPDFQPELSGAGSRLAVVKFTMRGC
 GPCLRIAPAFSSMSNKYPQAVFLEVDVHQCQGTAAATNNISATPTFLFFRNKVRIDQY
 QGADAVGLEEKIKQHLENDPGSNEDTDIPKGYMDLMPFINKAGCECLNESDEHGFD
 NCLRKDTTFLESDCDEQLLITVAFNQPVKLYSMKFQGPDNGQGPKYVKIFINLPRSM
 DFEEAERSEPTQALELTEDDIKEDGIVPLRYVKFQNVNSVTIFVQSNQGEETTRISY
 FTFIGTPVQATNMNDFKRVVGKKGESH

GENE INFORMATION

Gene Name TXNL1 thioredoxin-like 1 [Homo sapiens]

Official Symbol TXNL1

Synonyms TXNL1; thioredoxin-like 1; thioredoxin like, 32kDa , TXNL; thioredoxin-like protein 1; thioredoxin like; 32kD; TRP32; TxI;

Gene ID 9352

mRNA Refseq NM_004786

Protein Refseq NP_004777

MIM 603049

Uniprot ID O43396

Chromosome Location 18q21.31

Function disulfide oxidoreductase activity; electron carrier activity; protein disulfide oxidoreductase activity;

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