

Recombinant Human Thioredoxin-like 4B, His-tagged

Cat. No. TXNL4B-3550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Thioredoxin-like 4B, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	TXNL4B, also known as Dim2 or DLP, belongs to the DIM1 family that plays an essential role in pro-mRNA splicing. TXNL4B is required in cell cycle progression for S/G2 transition and interact with PRPF6 subunit of the spliceosome.
Purity	> 90% by SDS – PAGE.
Formulation	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 100mM NaCl.
Molecular Weight	21.1kDa (185aa), confirmed by MALDI-TOF
Concentration	0.5mg/ml (determined by Bradford assay)
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSM SFL LPKLT SKKEV DQAIKSTAEK VLVLRFGRDE DPVCLQLDDI LSKTSSDLSK MAAIYLV DVD QTAVYTQYFD ISYIPSTVFF FNGQHMKV DY GSPDHTKFVG SFKTKQDFID LIEVIYRGAM RGKLIVQSPI DPKNIPKYDL LYQDI

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name

TXNL4B thioredoxin-like 4B [Homo sapiens]

Synonyms

TXNL4B; Dim1-like protein; DIM2; DLP; FLJ20511; thioredoxin-like 4B; Thioredoxin-like protein 4B

Gene ID

54957

mRNA Refseq

NM_017853

Protein Refseq

NP_060323

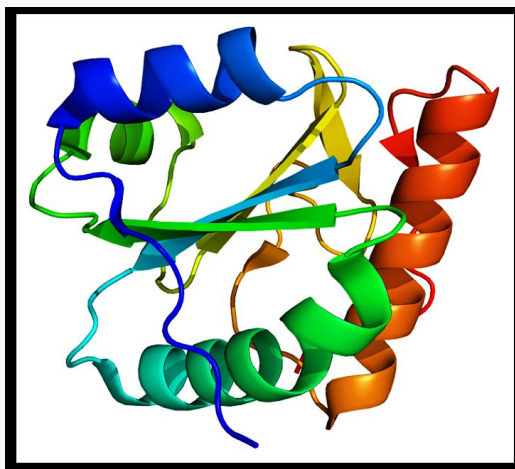
UniProt ID

Q9NX01

Chromosome Location

16q22.2

PDB rendering based on 1xbs.



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