



TXNL4B, 1-149aa, Human, His tag, E.coli

Cat.NO.: TP04359

3th Edition

Synonyms: thioredoxin-like 4B, Dim2, DLP, FLJ20511

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. Recombinant human TXNL4B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: 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

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMFLLPKLTSKKEVDQAIKSTAEEKVLVLRFRGRDEDPV
CLQLDDILSKTSSDLSKMAAIYLVVDVDTAVYTQYFDISYIPSTVFFFNGQHMKVDYGGSPDHTKFGVGSFKTKQDFIDLI
EVIYRGAMRGKLIVQSPIDPKNIPKYDLLYQDI

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.