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TXNL4A, 1-142aa, Human, His tag, E.coli

产品货号: TP04358

第三版

别名: Thioredoxin-like 4A, DIB1, DIM1, HsT161, TXNL4, U5-15kD

描述: Thioredoxin-like 4A, also known as TXNL4A, belongs to the Dim protein family. TXNL4A is a 142 amino acid protein that plays an essential role in pre-mRNA splicing. Due to a failure to express early zygotic transcripts, deletion of the gene encoding TXNL4A in *Schizosaccharomyces pombe* leads to embryonal lethality during gastrulation. Localized to the nucleus, TXNL4A interacts with hnRNP F, hnRNP H2, Cas-L and PQBP-1 to effect gene expression. Recombinant human TXNL4A protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 19.3 kDa (166aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSYMLPHLHNGWQVDQAILSEEDRVVVIRFGHDWDPTCMKMDEVLYSIAEKV
KNFAVIYLVLDITEVPDFNKMYELYDPCTVMFFFRNKHIMIDLGTGNNNKINWAMEDKQEMVDIIETVYRGARKGRGLV
VSPKDYSTKYRY

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.