Datasheet for ABIN7317379

TXNL4A Protein (His tag)

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Overview

Quantity:	100 µg
Target:	TXNL4A
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNL4A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human DIM1/TXNL4A Protein (His Tag)
Sequence:	Met 1-Tyr 142
Characteristics:	A DNA sequence encoding the human TXNL4A (P83876) (Met 1-Tyr 142) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 94 % as determined by reducing SDS-PAGE.

Target Details

Target:	TXNL4A
Alternative Name:	DIM1/TXNL4A (TXNL4A Products)
Background:	Background: DIM1, also known as TXNL4A, is a member of the Dim protein family. The Dim protein family is composed of two classes, DIM1and Dim2, which share a common thioredoxin-like fold. They were originally identified for their role in cell cycle progression and have been found to interact with Prp6, an essential component of the spliceosome, which forms the bridge

Target Details

	of U4/U6.U5-tri-snRNP. In spite of their biological and structural similarities, DIM1 and Dim2 proteins differ in many aspects. DIM1 bears distinctive structural motifs responsible for its interaction with other spliceosome components. Dim2 forms homodimers and contains specific domains required for its interactions with partners. This originality suggests that although both proteins are involved in pre-mRNA splicing, they are likely to be involved in different biological pathways. DIM1 interacts with HNRPF, HNRPH2, NEDD9/HEF1 and PQBP1/NPW38. It plays an essential role in pre-mRNA splicing. Synonym: BMKS,DIB1,DIM1,SNRNP15,TXNL4,U5-15kD
Molecular Weight:	18.6kDa
UniProt:	P83876
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 50 mM Tris, 150 mM NaCl, pH 8.0
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.