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Product datasheet for AR50363PU-S

TXNL4A / DIM1 (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TXNL4A / DIM1 (1-142, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Tag:	His-tag
Predicted MW:	19.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TXNL4A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001290400
Locus ID:	10907
Cytogenetics:	18q23
Synonyms:	BMKS; DIB1; DIM1; SNRNP15; TXNL4; U5-15kD

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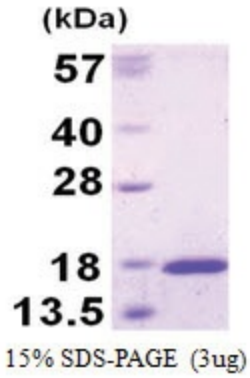
Summary: The protein encoded by this gene is a member of the U5 small ribonucleoprotein particle (snRNP), and is involved in pre-mRNA splicing. This protein contains a thioredoxin-like fold and it is expected to interact with multiple proteins. Protein-protein interactions have been observed with the polyglutamine tract-binding protein 1 (PQBP1). Mutations in both the coding region and promoter region of this gene have been associated with Burn-McKeown syndrome, which is a rare disorder characterized by craniofacial dysmorphisms, cardiac defects, hearing loss, and bilateral choanal atresia. A pseudogene of this gene is found on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2015]

Protein Families: Druggable Genome

Protein Pathways: Spliceosome

Product images:



15% SDS-PAGE (3ug)