

Product datasheet for PH300266

TXNL4A (NM_006701) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TXNL4A MS Standard C13 and N15-labeled recombinant protein (NP_006692)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200266
Predicted MW:	16.8 kDa
Protein Sequence:	>RC200266 protein sequence Red=Cloning site Green=Tags(s) MSYMLPHLHNGWQVDQAILSEEDRVVVIRFGHDWDPTCMKMDEVLYSIAEKVKNFAVIYLVLDITEVPDFN KMYELYDPCTVMFFFRNKHIMIDLGTGNNKINWAMEDKQEMVDIETVYRGARKGRGLVVSPKDYSTKY RY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006692
RefSeq Size:	1415
RefSeq ORF:	426
Synonyms:	BMKS; DIB1; DIM1; SNRNP15; TXNL4; U5-15kD
Locus ID:	10907
UniProt ID:	P83876



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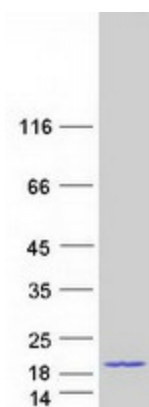
Cytogenetics: 18q23

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:



Coomassie blue staining of purified TXNL4A protein (Cat# [TP300266]). The protein was produced from HEK293T cells transfected with TXNL4A cDNA clone (Cat# [RC200266]) using MegaTran 2.0 (Cat# [TT210002]).