OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH304346

TXNL6 (NXNL1) (NM_138454) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NXNL1 MS Standard C13 and N15-labeled recombinant protein (NP_612463)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204346
Predicted MW:	23.9 kDa
Protein Sequence:	>RC204346 protein sequence Red=Cloning site Green=Tags(s) MASLFSGRILIRNNSDQDELDTEAEVSRRLENRLVLLFFGAGACPQCQAFVPILKDFFVRLTDEFYVLRA AQLALVYVSQDSTEEQQDLFLKDMPKKWLFLPFEDDLRRDLGRQFSVERLPAVVVLKPDGDVLTRDGADE IQRLGTACFANWQEAAEVLDRNFQLPEDLEDQEPRSLTECLRRHKYRVEKAARGGRDPGGGGGEEGGAGG LF 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_612463
RefSeq Size:	948
RefSeq ORF:	636
Synonyms:	RDCVF; TXNL6
Locus ID:	115861
UniProt ID:	Q96CM4

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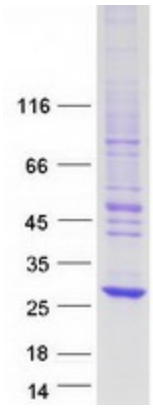
Cytogenetics: 19p13.11

Summary: Retinitis pigmentosa (RP) is a disease that leads to blindness by degeneration of cone photoreceptors. Rods produce factors required for cone viability. The protein encoded by this gene is one of those factors and is similar to a truncated form of thioredoxin. This gene has been proposed to have therapeutic value against RP. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified NXNL1 protein (Cat# [TP304346]). The protein was produced from HEK293T cells transfected with NXNL1 cDNA clone (Cat# [RC204346]) using MegaTran 2.0 (Cat# [TT210002]).