

Product datasheet for PH300344

TXNL1 (NM_004786) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TXNL1 MS Standard C13 and N15-labeled recombinant protein (NP_004777)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200344
Predicted MW:	32.3 kDa
Protein Sequence:	>RC200344 protein sequence Red=Cloning site Green=Tags(s) MVGVKPVGSDPDFQPEL SGAGSRLAVVKFTMRGCGPCLRIAPAFSSMSNKYPQAVFLEVDVHQCQGTAAAT NNISATPTFLFFRNKVRIDQYQGADAVGLEEKIKQHLENDPGSNEDTDIPKGYMDLMPFINKAGCECLNE SDEHGFNCLRKDTTFLESDCDEQLLITVAFNQPVKLYSMKFQGPDNGQGPKYVKIFINLPRSMDFEEAE RSEPTQALELTEDDIKEDGIVPLRYVKFQNVNSVTIFVQSNQGEETTRISYFTFIGTPVQATNMNDFKR VVGKKGESH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_004777</u>
RefSeq Size:	1329
RefSeq ORF:	867
Synonyms:	HEL-S-114; TRP32; TxI; TXL-1; TXNL
Locus ID:	9352



[View online »](#)

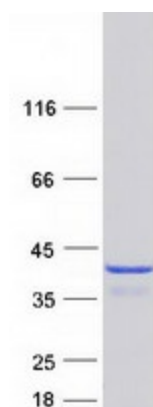
UniProt ID: [O43396](#), [V9HW51](#)

Cytogenetics: 18q21.31

Summary: Active thioredoxin with a redox potential of about -250 mV.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified TXNL1 protein (Cat# [TP300344]). The protein was produced from HEK293T cells transfected with TXNL1 cDNA clone (Cat# [RC200344]) using MegaTran 2.0 (Cat# [TT210002]).