

Product datasheet for **TP300344**

TXNL1 (NM_004786) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thioredoxin-like 1 (TXNL1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200344 protein sequence Red =Cloning site Green =Tags(s)
	MVGVKPVGSDPDFQPELSGAGSRLAVVKFTMRGCGPCLRIAPAFSSMSNKYPQAVFLEVDVHQCQGTAAAT NNISATPTFLFRNKVRIDQYQGADAVGLEEKIKQHLENDPGSNEDTDIPKGYMDLMPFINKAGCECLNE SDEHGFDNCLRKDTTFLESDCDEQLLITVAFNQPVKLYSMKFQGPDNGQGPKYVKIFINLPRSMDFEEAE RSEPTQALELTEDDIKEDGIVPLRYVKFQNVNSVTIFVQSNQGEETTRISYFTFIGTPVQATNMNDFKR VVGKKGESH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004777</u>
Locus ID:	9352



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UniProt ID:	Q43396 , V9HW51
RefSeq Size:	1329
Cytogenetics:	18q21.31
RefSeq ORF:	867
Synonyms:	HEL-S-114; TRP32; TxI; TXL-1; TXNL
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]).