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TXNL1 Human

Thioredoxin-Like 1 Human Recombinant
RCP2483

Product Overview

Name	TXNL1 Human
Description	
Thioredoxin-Like 1 Human Recombinant	
Accession (Primary)	O43396
Synonyms	
Thioredoxin-like protein 1, TRP32, Txl, 32 kDa thioredoxin-related protein, TXNL, Thioredoxin-like 32kDa, TXL-1.	
Introduction	
TXNL1 is a cytoplasmic protein which takes part in endocytotic signaling pathways and acts as a redox sensor. TXNL1 is universally expressed in the body and its goal is to couple oxidative stress to endocytosis, thereby regulating the GDI. Moreover, overexpression of TXNL1 inhibits cell proliferation by predisposing the cell to G0/G1 arrest, signifying that TXNL1 also functions as a transcriptional repressor.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The TXNL1 protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MVGVKPVGSD PDFQPELSGA GSRLAVVKFT MRGCGPCLRI APAFSSMSNK YPQAVFLEVD VHQCQGTAAT NNISATPTFL FFRNKVRIDQ YQGADAVGLE EKIKQHLEND PGSNEDTDIP KGYMDLMPFI NKAGCECLNE SDEHGFDNCL RKDTTFLESD CDEQLLITVA FNQPVKLYSM KFQGPDNGQG PKYVKIFINL PRSMDFEEAE RSEPTQALEL TEDDIKEDGI VPLRYVKFQN VNSVTIFVQS NQGEEETTRI	

SYFTFIGTPV QATNMNDFKR VVGKKGESH

Precautions

TXNL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43396)