

Thioredoxin-Like 1 Human Recombinant

Item Number	rAP-4940
Synonyms	Thioredoxin-like protein 1, TRP32, TxI, 32 kDa thioredoxin-related protein, TXNL, Thioredoxin-like 32kDa, TXL-1.
Description	TXNL1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 309 amino acids (1-289.a.a) and having a molecular mass of 34.4kDa. TXNL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43396
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGVKVPVGSDFDFQPELSGA GSRLAVVKFT MRGCGPCLRI APAFSSMSNK YPQAVFLEVD VHQCQGTAAAT NNISATPTFL FFRNKVRIDQ YQGADAVGLE EKIQQH- LEND PGSNEDTDIP KGYMDLMPFI NKAGCECLNE SDEHGFDNCL RKDTTFLESD CDEQLLITVA FNQPVKLYSM KFQGPDNGQG PKYVKIFINL PRSMDFEEAE RSEPTQALEL TEDDIKEDGI VPLRYV- KFQN VNSVTIFVQS NQGEEETTRI SYFTFIGTPV QATNMNDFKR VVGKKKGESH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	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. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**