

Thioredoxin-Like 4A Human Recombinant

Item Number	rAP-4942
Synonyms	Thioredoxin-like 4A, Spliceosomal U5 snRNP-specific 15 kDa protein, DIM1 protein homolog, HsT161, TXNL4, DIB1, U5-15kD.
Description	TXNL4A Human Recombinant produced in E. coli is a single polypeptide chain containing 166 amino acids (1-142) and having a molecular mass of 19.3kDa. TXNL4A is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P83876
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSYMLP HLHNGWQVDQ AILSEEDRVV VIRFGHDWDP TCMKMDEVLY SIAEKVKNFA VIYLDITEV PDFNKMYELY DPCTVMFFFR NKHIMIDLGT GNNNKINWAM EDKQEMVDII ETVYRGARKG RGLVVSPKDY STKYRY
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The TXNL4A solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 200mM NaCl 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**