

Recombinant Human TXNL4A 293 Cell Lysate

Cat. No. TXNL4A-618HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for thioredoxin-like 4A (TXNL4A) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TXNL4A thioredoxin-like 4A [Homo sapiens]

Official Symbol

TXNL4A

Synonyms

TXNL4A; thioredoxin-like 4A; thioredoxin like 4 , TXNL4; thioredoxin-like protein 4A; DIB1; DIM1; HsT161; similar to S. pombe dim1+; U5 15kD; thioredoxin-like 4; DIM1 protein homolog; thioredoxin-like U5 snRNP protein U5-15kD; spliceosomal U5 snRNP-specific 15 kDa protein; TXNL4; U5-15kD;

Gene ID

10907

mRNA Refseq

NM_006701

Protein Refseq

NP_006692

MIM

611595

UniProt ID

P83876

Chromosome Location

18q23

Pathway

Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP,

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organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;

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