

Recombinant Human TMX1 293 Cell Lysate

Cat. No. TMX1-900HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for thioredoxin-related transmembrane protein 1 (TMX1) 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

TMX1 thioredoxin-related transmembrane protein 1 [Homo sapiens]

Official Symbol

TMX1

Synonyms

TMX1; thioredoxin-related transmembrane protein 1; thioredoxin domain containing , thioredoxin domain containing 1 , thioredoxin domain containing , TXNDC, TXNDC1; PDIA11; protein disulfide isomerase family A; member 11; thioredoxin related transmembrane protein; TMX; thioredoxin domain containing 1; transmembrane Trx-related protein; thioredoxin domain-containing protein 1; protein disulfide isomerase family A, member 11; TXNDC; TXNDC1; DKFZp564E1962;

Gene ID

81542

mRNA Refseq

NM_030755

Protein Refseq

NP_110382

MIM

610527

UniProt ID

Q9H3N1

**Chromosome
Location**

14q22.1

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