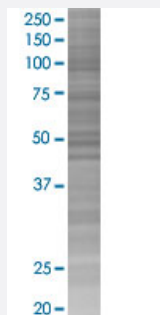


# TXN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007295-T03

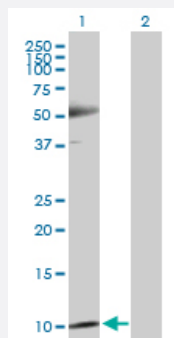
Size 100 uL

## Applications



### SDS-PAGE Gel

TXN transfected lysate.



### Western Blot

Lane 1: TXN transfected lysate ( 11.70 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                      |
|-------------------------------|----------------------|
| Transfected Cell Line         | 293T                 |
| Plasmid                       | pCMV-TXN full-length |
| Host                          | Human                |
| Theoretical MW (kDa)          | 11.7                 |
| Interspecies Antigen Sequence | Mouse (89); Rat (89) |

#### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TXN antibody ([H00007295-D01P](#)) by Western Blots.  
 SDS-PAGE Gel  
 TXN transfected lysate.  
 Western Blot  
 Lane 1: TXN transfected lysate ( 11.70 KDa)  
 Lane 2: Non-transfected lysate.

#### Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — TXN

#### Entrez GeneID

[7295](#)

#### GeneBank Accession#

[NM\\_003329.2](#)

#### Protein Accession#

[NP\\_003320.2](#)

#### Gene Name

TXN

#### Gene Alias

DKFZp686B1993, MGC61975, TRX, TRX1

#### Gene Description

thioredoxin

#### Omim ID

[187700](#)

#### Gene Ontology

[Hyperlink](#)

#### Gene Summary

Thioredoxin is a 12-kD oxidoreductase enzyme containing a dithiol-disulfide active site. It is ubiquitous and found in many organisms from plants and bacteria to mammals. Multiple in vitro substrates for thioredoxin have been identified, including ribonuclease, choriogonadotropins, coagulation factors, glucocorticoid receptor, and insulin. Reduction of insulin is classically used as an activity test.[supplied by OMIM]

#### Other Designations

OTTHUMP00000021892

## Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)