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Datasheet for ABIN7479607

## TXN Protein (AA 2-105, full length) (GST tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	TXN
Protein Characteristics:	AA 2-105, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXN protein is labelled with GST tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA

#### Product Details

Sequence:	VKQIESKTAF QEALDAAGDK LVVVDFSATW CGPCKMIKPF FHSLSEKYSN VIFLEVDVDD CQDVASECEV KCMPTFQFFK KGQKVGEGFSG ANKEKLEATI NELV
Purity:	95 %

#### Target Details

Target:	TXN
Alternative Name:	Thioredoxin ( <a href="#">TXN Products</a> )
Background:	Background: Participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. Plays a role in the reversible S-nitrosylation of cysteine residues in target proteins, and thereby contributes to the response to intracellular nitric oxide. Nitrosylates the active site Cys of

## Target Details

CASP3 in response to nitric oxide (NO), and thereby inhibits caspase-3 activity. Induces the FOS/JUN AP-1 DNA-binding activity in ionizing radiation (IR) cells through its oxidation/reduction status and stimulates AP-1 transcriptional activity. Ref.16 Ref.18 Ref.19 Ref.21 Ref.24 ADF augments the expression of the interleukin-2 receptor TAC (IL2R/P55).  
Synonyms: Short name=Trx Alternative name(s): ATL-derived factor Short name=ADF Surface-associated sulphhydryl protein Short name=SASP.

Molecular Weight: 39 kD

NCBI Accession: [NM\\_003329](#)

UniProt: [P10599](#)

Pathways: [Carbohydrate Homeostasis](#), [Cell RedoxHomeostasis](#)

## Application Details

Restrictions: For Research Use only

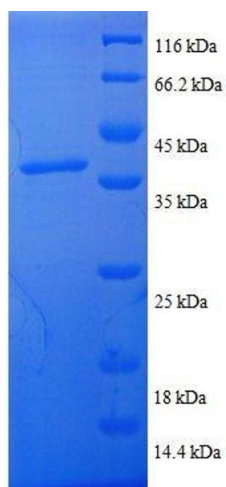
## Handling

Format: Lyophilized

Buffer: PBS buffer, 20mM GSH

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.