

Thioredoxin isoform 1 (Trx), Active, Human Recombinant
TXN, TRX, TRX1, Thioredoxin 1
Catalog # PBV11519r**Specification**

Thioredoxin isoform 1 (Trx), Active, Human Recombinant - Product info

Primary Accession	P10599
Calculated MW	14.5 kDa (130 aa) KDa

Thioredoxin isoform 1 (Trx), Active, Human Recombinant - Additional Info

Gene ID	7295
Other Names	
TXN, TRX, TRX1, Thioredoxin 1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Recombinant	Yes
Target/Specificity	
Trx	

Application Notes

Reconstitute in deionized water.

Format

Lyophilized

Storage

4°C; N/A

Thioredoxin isoform 1 (Trx), Active, Human Recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Thioredoxin isoform 1 (Trx), Active, Human Recombinant - Images**Thioredoxin isoform 1 (Trx), Active, Human Recombinant - Background**

Thioredoxin (Trx) is a disulfide reductase that reduces disulfide bonds into thiol groups through a

thiol-disulfide exchange with its target proteins to regulate oxidative stress and redox signaling. Trx activity is dependent on NADPH and Thioredoxin Reductase's (TrxR) ability to reduce it at Cysteine 32 and Cysteine 35.