

Human recombinant protein Thioredoxin 2
Human Recombinant Thioredoxin 2
Catalog # PBV10556r**Specification**

Human recombinant protein Thioredoxin 2 - Product info

Primary Accession	Q99757
Concentration	1
Calculated MW	11 kDa KDa

Human recombinant protein Thioredoxin 2 - Additional Info

Gene ID	25828
Gene Symbol	TXN2
Other Names	
MTRX, TRX2, MT-TRX	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MTTFNIQDGP DFQDRVNSE TPVVVDFHAQ WCGPCKILGP RLEKMVAQKH GKVVMKVDI DDHTDLAIEY EVSAVPTVLA MKNGDVVDKF VGIKDEDQLE AFLKKLIG

Format

Liquid

Storage

-80°C; 1 mg/ml solution in PBS (pH 7.4).

Human recombinant protein Thioredoxin 2 - 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](#)

Human recombinant protein Thioredoxin 2 - Images**Human recombinant protein Thioredoxin 2 - Background**

Thioredoxin 2 also known as mitochondrial Thioredoxin in humans is encoded by the TXN2 gene. This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis.

Human recombinant protein Thioredoxin 2 - References

Chen Y.,et al.J. Biol. Chem. 277:33242-33248(2002).
Damdimopoulos A.E.,et al.J. Biol. Chem. 277:33249-33257(2002).
Reddy P.G.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.