

## Recombinant Human TXN, GST-tagged

Cat. No. TXN-3496H Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human TXN protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                           |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-105aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TXN thioredoxin [ Homo sapiens ]                                                                                                                                    |
| Official Symbol | TXN                                                                                                                                                                 |
| Synonyms        | TXN; thioredoxin; TRX; ADF; SASP; TXN delta 3; ATL-derived factor; thioredoxin delta 3; surface-associated sulphydryl protein; TRDX; TRX1; MGC61975; DKFZp686B1993; |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 7295                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_001244938                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | NP_001231867                                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | 187700                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | P10599                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 9q31                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Folic Acid Network, organism-specific biosystem; Folic Acid Network, organism-specific biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Metabolism, organi |
| <b>Function</b>            | electron carrier activity; peptide disulfide oxidoreductase activity; protein binding; protein disulfide oxidoreductase activity;                                                                                                                               |

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