

# Recombinant Human TXN2 lysate

**Cat. No.** TXN2-714HCL    **Lot. No.** (See product label)

## SPECIFICATION

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| <b>Species</b>             | Human                                                                                    |
| <b>Source</b>              | HEK293                                                                                   |
| <b>Molecular Mass</b>      | 21736.95Da                                                                               |
| <b>Recommended Usage</b>   | WB                                                                                       |
| <b>Storage Instruction</b> | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

## GENE INFORMATION

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TXN2 thioredoxin 2 [ Homo sapiens ]                                                                                    |
| <b>Official Symbol</b> | TXN2                                                                                                                   |
| <b>Synonyms</b>        | TXN2; thioredoxin 2; thioredoxin, mitochondrial; MT TRX; thioredoxin-2; mitochondrial thioredoxin; MTRX; TRX2; MT-TRX; |
| <b>Gene ID</b>         | 25828                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_012473                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_036605                                                                                                                                                                   |
| <b>MIM</b>                 | 609063                                                                                                                                                                      |
| <b>UniProt ID</b>          | Q99757                                                                                                                                                                      |
| <b>Chromosome Location</b> | 22q13.1                                                                                                                                                                     |
| <b>Pathway</b>             | Oxidative Stress, organism-specific biosystem;                                                                                                                              |
| <b>Function</b>            | electron carrier activity; peptide-methionine (R)-S-oxide reductase activity; peptide-methionine-(S)-S-oxide reductase activity; protein disulfide oxidoreductase activity; |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA