

Product datasheet for **TP501355**

Txn2 (NM_019913) Mouse Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse thioredoxin 2 (Txn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR201355 protein sequence Red =Cloning site Green =Tags(s) |
| | MAQRLLLGRFLTSVISRKPPQGVWASLTSKTLQTPQYNAGGLTVMSPARTVHTTRVCLTTFNVQDGPDF QDRVVNSETPVWVDFHAQWCGPCKILGPRLEKMKVAKQHKGKVMKVDIDDHTDLAIEYEVSAVPTVLAIK NGDWVDFVGIKDEDQLEAFLKLLIG TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 18.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_064297</u> |
| Locus ID: | 56551 |
| UniProt ID: | <u>P97493</u> |
| RefSeq Size: | 1282 |
| Cytogenetics: | 15 E1 |



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RefSeq ORF: 501

Synonyms: 2510006J11Rik; A1788873; Trx2

Summary: Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability. Possesses a dithiol-reducing activity.[UniProtKB/Swiss-Prot Function]