

Recombinant Mouse Txn2 Protein, Myc/DDK-tagged

Cat. No. Txn2-6745M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thioredoxin 2 (Txn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability. Possesses a dithiol-reducing activity.
Molecular Mass	18.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Txn2 thioredoxin 2 [Mus musculus (house mouse)]
Official Symbol	Txn2
Synonyms	TXN2; thioredoxin 2; thioredoxin, mitochondrial; MTRX; mt-Trx; thioredoxin-2; thioredoxin nuclear gene encoding mitochondrial protein; Trx2; AI788873; 2510006J11Rik
Gene ID	56551
mRNA Refseq	NM_019913
Protein Refseq	NP_064297
UniProt ID	P97493

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