

Recombinant Mouse Tmx2 Protein, Myc/DDK-tagged

Cat. No. Tmx2-6535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thioredoxin-related transmembrane protein 2 (Tmx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Endoplasmic reticulum and mitochondria-associated protein that probably functions as a regulator of cellular redox state and thereby regulates protein post-translational modification, protein folding and mitochondrial activity. Indirectly regulates neuronal proliferation, migration, and organization in the developing brain.
Molecular Mass	33.9 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Tmx2 thioredoxin-related transmembrane protein 2 [Mus musculus (house mouse)]
Official Symbol	Tmx2
Synonyms	Tmx2; thioredoxin-related transmembrane protein 2; Txndc1; Txndc14; AA589631; 2310042M24Rik; thioredoxin-related transmembrane protein 2; thioredoxin domain containing 14; thioredoxin domain-containing protein 14
Gene ID	66958
mRNA Refseq	NM_025868
Protein Refseq	NP_080144
UniProt ID	Q9D710

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