

Recombinant Human TXN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TXN2-1700H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TXN2 MS Standard C13 and N15-labeled recombinant protein (NP_036605) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis.
Molecular Mass	18.4 kDa
AA Sequence	MAQRLLLRFLASVISRKPSQGQWPPLTSRALQTPQCSPGGLTVTPNPARTIYTTRI SLTTFNIQDGPDPFQDRVVNSETPVVDFHAQWCGPCKILGPRLEKMOVAKQHGVV MAKVDIDDHTDLAIEYEVSAVPTVLAMKNGDVVDKDFVGKDEDEQLEAFLKKLIGTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

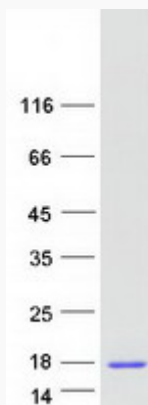
GENE INFORMATION

Gene Name	TXN2 thioredoxin 2 [Homo sapiens (human)]
Official Symbol	TXN2
Synonyms	TXN2; thioredoxin 2; thioredoxin, mitochondrial; MT TRX; thioredoxin-2; mitochondrial thioredoxin; MTRX; TRX2; MT-TRX;
Gene ID	25828
mRNA Refseq	NM_012473
Protein Refseq	NP_036605
MIM	609063
UniProt ID	Q99757

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SDS-PAGE

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