

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

Cat. No. TXN-2132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TXN MS Standard C13 and N15-labeled recombinant protein (NP_003320) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	11.7 kDa
AA Sequence	MVKQIESKTAFQEALDAAGDKLVVDFSATWCGPCKMIKPPFHSLSEKYSNVIFLEV DVDDCQDVASECEVKCMPTFQFFKKGQKVGFEFSGANKEKLEATINELVTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Gene Name	TXN thioredoxin [Homo sapiens (human)]
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Official Symbol	TXN
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Synonyms	TXN; thioredoxin; TRX; ADF; SASP; TXN delta 3; ATL-derived factor; thioredoxin delta 3; surface-associated sulphhydryl protein; TRDX; TRX1; MGC61975; DKFZp686B1993;
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Gene ID	7295
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mRNA Refseq	NM_003329
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Protein Refseq	NP_003320
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MIM	187700
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UniProt ID	P10599
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