

Product datasheet for PH308876

TXN (NM_003329) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TXN MS Standard C13 and N15-labeled recombinant protein (NP_003320)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208876
Predicted MW:	11.7 kDa
Protein Sequence:	>RC208876 protein sequence Red=Cloning site Green=Tags(s) MVKQIESKTAFQEALDAAGDKLVVDFSATWCGPCKMIKPFHSLSEKYSNVIFLEVDVDDCQDVASECE VKCMPTFQFFKKGQKVGGEFSGANKEKLEATINELV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003320
RefSeq Size:	886
RefSeq ORF:	315
Synonyms:	TRDX; TRX; TRX1; Trx80
Locus ID:	7295
UniProt ID:	P10599 , H9ZYJ2
Cytogenetics:	9q31.3



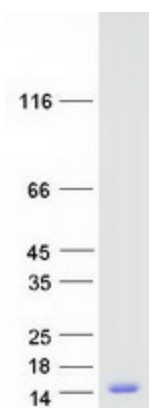
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Summary:

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. [provided by RefSeq, Oct 2011]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified TXN protein (Cat# [TP308876]). The protein was produced from HEK293T cells transfected with TXN cDNA clone (Cat# [RC208876]) using MegaTran 2.0 (Cat# [TT210002]).