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Product datasheet for PH303220

TXNDC17 (NM_032731) Human Mass Spec Standard

Product data:

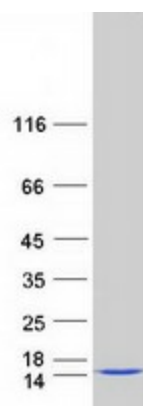|	
Product Type:	Mass Spec Standards
Description:	TXNDC17 MS Standard C13 and N15-labeled recombinant protein (NP_116120)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203220
Predicted MW:	13.9 kDa
Protein Sequence:	>RC203220 protein sequence Red=Cloning site Green=Tags(s) MARYEEVSVSGFEEFHRAVEQHNGKTIFAYFTGSKDAGGKSWCPDCVQAEPVVREGLKHISEGCVFIYCQ VGEKPYWKDPNNDFRKNLKVTAVPTLLKYGTPQKLVESECLQANLVEMLFSED 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_116120
RefSeq Size:	2075
RefSeq ORF:	369
Synonyms:	TRP14; TXNL5
Locus ID:	84817
UniProt ID:	Q9BRA2, A0A140VJY7
Cytogenetics:	17p13.1

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Summary: Disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:

Coomassie blue staining of purified TXNDC17 protein (Cat# [TP303220]). The protein was produced from HEK293T cells transfected with TXNDC17 cDNA clone (Cat# [RC203220]) using MegaTran 2.0 (Cat# [TT210002]).