

Product datasheet for TP307480

TXNDC13 (TMX4) (NM_021156) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thioredoxin-related transmembrane protein 4 (TMX4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207480 representing NM_021156 Red=Cloning site Green=Tags(s)
	MAGGRCGPQLTALLAAWIAAVAATAGPEEAALPPEQSRVQPMTASNWTLVMEGEWMLKFYAPWCPSCQQT DSEWEAFKNGEILQISVGKVDVIQEPGLSGRFFVTTLPAFFHAKDGIFRRYRGPFGIFEDLQNYILEKKW QSVEPLTGWKSPASLTMSGMAGLFSISGKIWHLHNYFTVTLGIPAWCSYVFFVIATLVFGLFMGLVLVVI SECFYVPLPRHLSESEQNRRSEEAHRAEQLQDAEEEKDDSNEEENKDSLVDDEEEKEDLGDEDEAEEMEE EEDNLAAGVDEERSEANDQGPPGEDGVTRREEVEPEEAEEGISEQPCPADTEVVEDSLRQRKSKHADKGL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	38.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_066979</u>
Locus ID:	56255



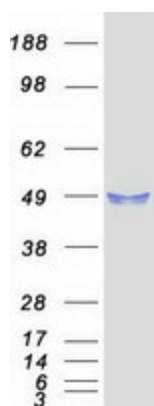
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UniProt ID: [Q9H1E5](#)
RefSeq Size: 2368
Cytogenetics: 20p12.3
RefSeq ORF: 1047
Synonyms: DJ971N18.2; PDIA14; TXNDC13

Summary: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, one transmembrane domain and C-terminal ASP/GLU-rich calcium binding domain. Unlike most members of this gene family, it lacks a C-terminal ER-retention sequence. The encoded protein has been shown to have reductase activity in vitro. [provided by RefSeq, Jan 2017]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified TMX4 protein (Cat# TP307480). The protein was produced from HEK293T cells transfected with TMX4 cDNA clone (Cat# [RC207480]) using MegaTran 2.0 (Cat# [TT210002]).