

Product datasheet for **TP324538**

TXNDC11 (NM_015914) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thioredoxin domain containing 11 (TXNDC11), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224538 representing NM_015914 Red =Cloning site Green =Tags(s)

MSECGGRGGGSSSEDAEDEGGGGGGPAGSDCLSSSPTLATASSAGRLRRGLRGAFLMARQRPELLCGAV
ALGCALLLALKFTCSRAKDVIIIPAKPPVSFFSLRSPVLDLFDQQLDYAEYVRRDSEVLLFFYAPWCGQS
IAARAEIEQAASRLSDQVLFVAINCWWNQGKCRKQKHFFYPVIYLYHRSFGPIEYKGPMSAVYIEKFVR
RVMKPLLYIPSQSELLDFLSNYEPGVLGYFEFSGSPQPPGYLTFFTSALHSLKDYLGTVRFGVITNKHL
AKLVSLVHSGSVYLHRHFNTSLVFPREVLNYTAENICKWALENQETLFRWLRPHGGKSLLLNDELKKGPA
LFLFIPFNPLAESHPLIDEITEVALEYNNCHGDQVVERLLQHLRRVDAPVLESLALEVPAQLPDPPTITA
SPCCNTVVLQPWHSFSRTHNVCELQVNTSGGMKPSVSVQCSFFEMAAALDSFYLKEQTFYHVASDSI
ECSNFLTSYSPFSYTTACCRITSRGVSGFIDSEQGVFEAPTVAFSSLEKKCEVDAPSSVPHIENRYLFP
EVDMTSTNFTGLSCRNTKLNILLLDSNLFWLYAERLGAPSSTQVKEFAAIVDVKEESHYILDPKQALMK
LTLESFIQNFVLYSPLKRHLIGSGSAQFPSQHLITEVTTDTFWEVVLQKQDVLLLYAPWCGFCPSLNH
IFIQLARNLPMDFTVARIDVSQNDLPWEFMVDRLPTVLFPCNRKDLQSVKYPEDVPITLPLNLLRIFLHH
SDPASSPQNVANSPTKECLQSEAVLQRGHISHLEREIQKLRAEISSLQRAQVQVESQLSSARRDEHRLRQ
QQRALQEQHSLHHAHSEQLQALYEQKTRRELQELARKLQELADASENLLTENTWLKILVATMERKLEGRDG
AESLAAQREVHPKQPEPSATPQLPGSSPPPANVSATLVSERNKENRTD

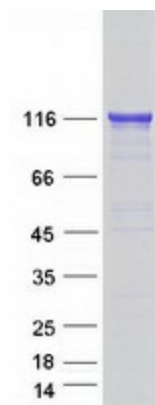
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	107.3 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.



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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:	NP_056998
Locus ID:	51061
UniProt ID:	Q6PKC3
RefSeq Size:	3047
Cytogenetics:	16p13.13
RefSeq ORF:	2874
Synonyms:	EFP1
Summary:	May act as a redox regulator involved in DUOX proteins folding. The interaction with DUOX1 and DUOX2 suggest that it belongs to a multiprotein complex constituting the thyroid H ₂ O ₂ generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H ₂ O ₂ generation.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:

Coomassie blue staining of purified TXNDC11 protein (Cat# TP324538). The protein was produced from HEK293T cells transfected with TXNDC11 cDNA clone (Cat# [RC224538]) using MegaTran 2.0 (Cat# [TT210002]).