

Product datasheet for TP324538M

TXNDC11 (NM_015914) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human thioredoxin domain containing 11 (TXNDC11), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC224538 representing NM_015914
Red=Cloning site Green=Tags(s)

MSECGGRGGGSSSEDAEDEGGGGGGPAGSDCLSSSPTLATASSAGRLRRGLRGAFLMARQRPELLCGAV
 ALGCALLLALKFTCSRAKDVIIIPAKPPVSFFSLRSPVLDLFQGGQLDYAEYVRRDSEVLLFFYAPWCGQS
 IAARAEIEQAASRLSDQVLFVAINCWWNQGKCRKQKHFFYPVIYLYHRSGPIEYKGPMSAVYIEKFVR
 RVMKPLLYIPSQSELLDFLSNYEPGVLGYFEFSGSPQPPGYLTFFTSALHSLKKDYLGTVRFGVITNKHL
 AKLVSLVHSGSVYLHRHFNTSLVFPREVLNYTAENICKWALENQETLFRWLRPHGGKSLLLNNEKKGPA
 LFLFIPFNPLAESHPLIDEITEVALEYNNCHGDQVVERLLQHLRRVDAPVLESLALEVPAQLPDPPTITA
 SPCCNTVVLQPWHSFSRTHNVCELQVNTSGGMKPSVSVQCSFFEMAAALDSFYLKEQTFYHVASDSI
 ECSNFLTSYSPFSYTTACCRITSRGVSGFIDSEQGVFEAPTVAFSSLEKKCEVDAPSSVPHIENRYLFP
 EVDMTSTNFTGLSCRNTKLNILLLDSNLFWLYAERLGAPSSTQVKEFAAIVDVKEESHYILDPKQALMK
 LTLESFIQNFVLYSPLKRHLIGSGSAQFPSQHLITEVTTDTFWEVVLQKQDVLLLYAPWCGFCPSLNH
 IFIQLARNLPMDFTVARIDVSNLDPWFMVDRLPTVLFPCNRKDLQSVKYPEDVPITLPLNLLRIFLHH
 SDPASSPQNVANSPTKECLQSEAVLQRGHISHLEREIQKLRAEISSLQRAQVQVESQLSSARRDEHRLRQ
 QQRALQEQHSLHHAHSEQLQALYEQKTRRELQELARKLQELADASENLLTENTWLKILVATMERKLEGRDG
 AESLAAQREVHPKQPEPSATPQLPGSSPPPANVSATLVSERNKENRTD

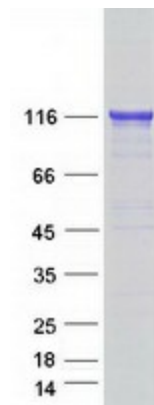
RTRPLEQKLISEEDLAANDILDYKDDDDKV

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]).