

Product datasheet for PH324538

TXNDC11 (NM_015914) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TXNDC11 MS Standard C13 and N15-labeled recombinant protein (NP_056998)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224538
Predicted MW:	107.3 kDa
Protein Sequence:	>RC224538 representing NM_015914 Red=Cloning site Green=Tags(s)

MSECGRRGGSSSEDAEDEGGGGPAGSDCLSSPTLATASSAGRLRRGLRGAFLMARQRPELLCGAV
ALGCALLLALKFTCSRAKDVIIPAKPPVSFFSLRSPVLDLFDQQLDYAEYVRRDSEVLLFFYAPWCGQS
IAARAEIEQAASRLSDQVLFVAINCWVNQKCRKQKHFFYPVVIYLYHRSFGPIEYKGPMSAVYIEKFVR
RVMKPLL YIPQSSELLDFLSNYEPGVLGYFEFSGSPQPPGYLTFFTSALHSLKDYLGTVRFVITNKHL
AKLVSLVHSGSVYLHRHFNTSLVFPREVLNYTAENICKWALENQETLFRWL RPHGGKSLLLNNELKKGPA
LFLFIPFNPLAESHPLIDEITEVALEYNNCHGDQVVERLLQHLRRVDAPVLESLALEVPAQLPDPPTITA
SPCCNTVVL PQWHSF SRTHNVCEL CVNQTS GGMKPSVSVVQCSFFEMAAALDSFYLKEQTFYHVASDSI
ECSNFLTSYSPFSYYTACCR TISRGVSGFIDSEQGVFEAPTVAFSSLEKKCEVDAPSSVPHIEENRYLFP
EVDMTSTNFTGLSCR TNKTLNIYLLDSNFLFWLYAERLGAPSSTQVKEFAAIVDVKEESHYILD PKQALMK
LTLESFIQNF SVLYSPLKRHLIGSGSAQFPSQH LITEVTDTDFWEVVLQKQDVLLLYYAPWCGFCPSLNH
IFIQLARNLPMDFTVARIDVSQNDLPWEFMVDR LPTVLFPCNRKDL SVKYPEDVPITLPNLLRFILHH
SDPASSQNVANSPTKECLQSEAVLQRGHI SHLEREIQKLRAEISSLQRAQVQVESQLSSARRDEHRLRQ
QQRAL EEQHSL LHAHSEQLQALYEQKTRELQELARKLQELADASENLLTENTWLKILVATMERKLEGRDG
AESLAAQREVHPKQPEPSATPQLPGSSPPANVSATLVSERNKENRTD

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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.



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RefSeq: [NP_056998](#)

RefSeq Size: 3047

RefSeq ORF: 2874

Synonyms: EFP1

Locus ID: 51061

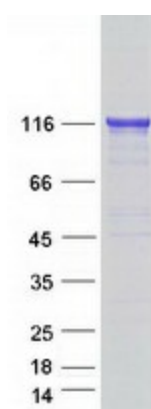
UniProt ID: [Q6PKC3](#)

Cytogenetics: 16p13.13

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 H₂O₂ generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H₂O₂ 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]).