

Recombinant Human TXNDC11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TXNDC11-2014H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TXNDC11 MS Standard C13 and N15-labeled recombinant protein (NP_056998) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	107.3 kDa
AA Sequence	MSECGGRGGGSSSSSEDAEDEGGGGGGPAGSDCLSSSPTLATASSAGRLRRGLRG AFLMARQRPELLCGAVALGCALLALKFTCSRAKDVIIPAKPPVSFFSLRSPVLDLFQ GQLDYAEYVRDSEVVLLFFYAPWCGQSIARAIEQAASRLSDQVLFVAINCWWN QGKCRKQKHFFYPVIYLYHRSFGPIEYKGPMSAVYIEKFVRRVMKPLLYIPSQSELL DFLSNYEPGVLGYFEFSGSPQPPGYLTFFTSALHSLKKDYLGTVRFGVITNKHAKLV SLVHSGSVYLRHFNTSLVFPREVLNYTAENICKWALENQETLFRWLRPHGGKSLLL NNELKKGPALFLFIPFNPLAESHPLIDEITEVALEYNNCHGDQVVERLLQHLRRVDAP VLESLALEVPAQLPDPPTITASPCCNTVVLPQWHSFSRTHNVCELCVNQTSGGMKP SSVSVPQCSFFEMAAALDSFYLKEQTFYHVASDSIECSNFLTSYSPFSYYTACCRITIS

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RGVSGFIDSEQGVFEAPTVAFSSLEKKCEVDAPSSVPHIEENRYLFPEVDMTSTNFT
 GLSCRTNKTNIYLLDSNLFWLYAERLGAPSSSTQVKEFAAIVDVKEESHYILDPKQAL
 MKLTLESFIQNFSVLYSPLKRHLIGSGSAQFPSQHLITEVTTDTFWEVVLQKQDVLLL
 YYAPWCGFCPSLNHIFIQLARNLPMDTFTVARIDVSQNDLPWEFMVDRLPTVLFFFPC
 NRKDL SVKYPEDVPITLPNLLRFILHHSDPASSPQNVANSPTKECLQSEAVLQRGHIS
 HLEREIQKLRAEISSLQRAQVQVESQLSSARRDEHRLRQQQRALEEQHSLHAHSE
 QLQALYEQKTRELQELARKLQELADASENLLTENTWLKILVATMERKLEGRDGAESL
 AAQREVHPKQPEPSATPQLPGSSPPPANVSATLVSERNKENRTDTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TXNDC11 thioredoxin domain containing 11 [Homo sapiens (human)]
Official Symbol	TXNDC11
Synonyms	TXNDC11; thioredoxin domain containing 11; EFP1; thioredoxin domain-containing protein 11; EF-hand binding protein 1
Gene ID	51061

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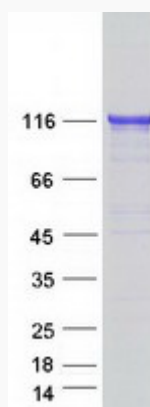
mRNA Refseq [NM_015914](#)

Protein Refseq [NP_056998](#)

MIM [617792](#)

UniProt ID [Q6PKC3](#)

SDS-PAGE



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