

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
 YYAPWCGFCPSLNHIFIQLARNLPMDTFTVARIDVSQNDLPWEFMVDRLPTVLFFPC
 NRKDL SVKYPEDVPITLPNLLR FILHHSDPASSPQNVANSPTKECLQSEAVLQRGHIS
 HLEREIQLRAEISSLQRAQVQVESQLSSARRDEHRLRQQQRALEEQHSLHAHSE
 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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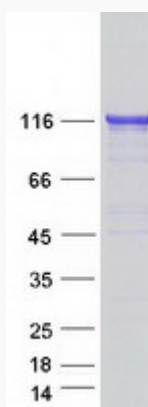
mRNA Refseq NM_015914

Protein Refseq NP_056998

MIM 617792

UniProt ID Q6PKC3

SDS-PAGE



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