

Product datasheet for TP511280

Txndc11 (NM_029582) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thioredoxin domain containing 11 (Txndc11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211280 representing NM_029582 Red =Cloning site Green =Tags(s)

MSECGRRGGGGNNSEDAEDEGGGPKGSGSLSPAGAAASLEGRIIRGLRGASLMARQRPELLCGAVALGC
ALLFALKFTCSRAKDVIIPAKPPVSFFSSRSPVLDLFQGGQLDYADHVRQDSEVVVFFYAPWCGQSIAAR
AEIEQAASRLSDQVLFVAINCWWNQKCRKQKHFFYPVIHLYHRSFGPIEYKGPMSAVYIEKFVRRAMK
PLLYIPSQSALLDFLSSYEPGVLGYFEFSGSPQPPGYLTFFTSALHSLKKDYLGTVRFGVITDKHLARLV
SLVHSGSVYLHRHFNTSLVFPREVMNFTAENIYKWAENQETLFRWLQPHGGKSLLLNDELKKGPAFLF
IPFDPLAERHPLLDEITEVALEYNNCHGDQVVERLLQHLRREAPVLQSLAPELPASLPDTQLMAASPC
NTVVLPPQGPALSRTHNVCVLCVNQTVGGTRPSSVSPQCSFFEMAAALDSFYLKEQTFYHVVSGSIECSN
FLTSYSPFSYYTACCRITSRGMASFTGSEQNVLTAPAIEFSSLEKSCEATAPSSIPHIEENRYRFPQVGL
TSTAFTGLSCRNTKLNILYLLDSNLFWLYAERLQAPSSAPVKEFATIDVKEESHYILDPKQALMKFTLE
SFIQNFVLYSPLKRHLTGSDSAQFPTQHLITEVTTDTFWEVTLRKQDVLLLYYTQWCGFCPSLNHIFIQ
LARLLPEDTFTVARIDVSQNDLPWEFMVDRLPTVLFPCNRKDLKSVKYPGDLPLTPNLLRFFILHSDAA
SAPQDPGISPPTQDCVQSKAVLQREHISHVENAMQKLREMSLRRTQEVEGRLLSARRDGHRLRRQR
TLEQQHRLRRHSQKLQALYLKARELQELARASGTPLPEHTWLKILVATMERELEGQGGAKEPAPLGKA
RPNHKSMTGTTQLPGDTPPPSTTSSTLASETKHENRTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	106 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



[View online »](#)

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 after receiving vials.
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_083858
Locus ID:	106200
UniProt ID:	Q8K2W3
RefSeq Size:	2977
Cytogenetics:	16 A1
RefSeq ORF:	2844
Synonyms:	2810408E11Rik; AI427833; EFP1; Txdc11
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 (By similarity).[UniProtKB/Swiss-Prot Function]