

Product datasheet for **MC205536**

Txndc17 (NM_026559) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Txndc17 (NM_026559) Mouse Untagged Clone
Tag: Tag Free
Symbol: Txndc17
Synonyms: 4831443O22Rik; D11Ertd672e; TRP14; Txnl5
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC030344
 CCACGCGTCCGCTTGGGGCGCAGGACCCTAGGGCTCCTCCCGTCTCCTCTCCGCACTGTTGTACCCAT
 GGCCACCTTCGAGGAGGTGAGCGTGCTGGGCTTCGAGGAGTTCGACAAGGCAGTGAAGGAGCATGAGGGC
 AAGACCATTTTCGCTACTTCAGCGGTTCTAAGGATACCGAAGGAAGAGCTGGTGTCCGGACTGCGTGG
 AAGCTGAGCCAGTCATTCGAGAGGGCTGAAGCATGTTACCGAAGACTGTGTGTTTCACTACTGCCAAGT
 AGGAGACAAAACCTTACTGGAAAGACCCAAATAATGACTTCAGACAAAACTGAAAATAACCCGAGTGCCT
 ACACTACTTAAATATGGAACACCTCAAAAACCTTGTGGAGTCTGAGTGTCAATCCAGCCTTGTGGAGA
 TGATCTTCTCTGAAGATTAAGATTTGATGACCTTGCCGGACTGTGGTGGCACATGCCTTTAGTCCCAGCA
 CTCGGGAGACAGAGGCAGCTGGATCTCTTTGAGTTTGAGGCTACCTGGTCTACAAGTTGAGTTCAAGGAC
 AGCCAGAGCTACAGAGTAAAACCTGTCTGAAAAACCAACCAACCAAAAAAGCCTGATGATTGCAAT
 TTTGATTGATTGCCTGGTTTGTAAAAAGCAGCCACATTATTGCTTTGAATTGATGAGTAAATGATGTT
 ATTAATCAGTGTATATCTAAACAATAAAGAATTGAAATACAAACCATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026559

Insert Size: 372 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC030344](#), [AAH30344](#)

RefSeq Size: 763 bp

RefSeq ORF: 372 bp

Locus ID: 52700

UniProt ID: [Q9CQM5](#)

Cytogenetics: 11 43.92 cM

Gene Summary: Disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide (By similarity). [UniProtKB/Swiss-Prot Function]