

Product datasheet for MC206209

Txn2 (BC068182) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Txn2 (BC068182) Mouse Untagged Clone
Tag: Tag Free
Symbol: Txn2
Synonyms: 2510006J11Rik; A1788873; Trx2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC068182
GGAAGTGACAACAGGAGTGCCCTTGACGGGAGGCCGGCTGGGCTCTGCATCCCTCTGCTCGCACTGCCG
GGAGATGGCTCAGCGGCTCCTCCTGGGGAGGTTCTCTGACCTCAGTCATCTCCAGGAAGCCTCCTCAGGGT
GTGTGGGCTTCCCTCACCTCTAAGACCCTGCAGACCCCTCAGTACAATGCTGGTGGTCTAACAGTAAATGC
CCAGCCCAGCCCGACAGTACACACCACAGAGTCTGTTTGACGACCTTTAACGTCAGGATGGACCTGA
CTTTCAAGACAGAGTTGTCAACAGTGAGACACCAGTTGTTGTGGACTTTCATGCACAGTGGTGTGGCCCC
TGCAAGATCCTAGGACCGCGGCTAGAGAAGATGGTCGCCAAGCAGCACGGGAAGGTGGTCATGGCCAAAAG
TGGACATTGACGATCACACAGACCTTGCCATTGAATATGAGGTGTGAGTGTGCTACCGTGTAGCCAT
CAAGAACGGGGACGTGGTGGACAAGTTTGTGGGGATCAAGGACGAGGACCAGCTAGAAGCCTTCTGAAG
AAGCTGATTGGCTGACGAGCAGAGAGGAGGCTGACTACCCTGCCTGCTGGAAGTCTGTTTTGGGGAGA
AGCCTAGTAGAACTCCCAGCCCTCAGCTGTCATCCTTCTGCCCTGCCCTCTGTTTTATCCTGGTGGGT
CTTGCCCTGTGACAGCAGACCCTCCAACCTAAGAGCCACCAGCACTTCAGAGCCAGCCCTCAGCCCGGGT
GGCCTGGAGAGGGCCAGTGTGCCACTGGTGTGGGGTCACTTCTGTGACCCCTACTGTGTGCTCCTC
TTGTGCACCTACTGTGTGCTTCTTCCGGGGCTTGTGCCATTCCCTAGATGCTGGAGAAAGCCTGGGCC
AGCCTGTAGCCTGACCGCACTAGTGGTCGCCCAGTCCCATCTCTGTGGCCCTCTGAAGCCCCAGCCCC
ATGCATCAGCCTCTGGCACATTTCTCTCCTGCCTCTGCTTGAAGGAAACCAGAAGCCGAAACAAGTGA
GAGTAATGTATAATTCTCTCATTTTTTTGTAGGTCTCTAATAAAGAACTTATGTGGTCTTCTACCTCT
TGCTGTGAAGAACAGAGCCACCCATAGCCTAAATCTGTCCCTTCTATTCCTTGTCCCTCCCTGAGTT
AGCTGGGCCTTGGTTCTGGGTCCTGAGCAGGAGGAGGAGCTGTGAACAAGTCAGACCAATAAACCCAGG
TTTGCCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: BC068182
Insert Size: 501 bp



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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).
Reconstitution Method:	<ol style="list-style-type: none">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:	BC068182 , AAH68182
RefSeq Size:	1301 bp
RefSeq ORF:	501 bp
Locus ID:	56551
Cytogenetics:	15 E1
Gene Summary:	Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability. Possesses a dithiol-reducing activity.[UniProtKB/Swiss-Prot Function]