

Product datasheet for **RN206505**

Txn2 (NM_053331) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Txn2 (NM_053331) Rat Untagged Clone
Tag: Tag Free
Symbol: Txn2
Synonyms: MGC93312
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206505 representing NM_053331
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCAGCGGCTTCTCCTGAGGAGGTTCTGACCTCAGTCATCTCCAGGAAGCCTCCTCAAGGTGTG
GGGCTTCCCTCACCTCTACGAGCCTGCAGACCCCTCCGTACAATGCTGGTGGTCTAACTGGAACACCCAG
CCCTGCCCGGACATTTACACCACCAGAGTCTGTTCAACAACCTTAACTCCAGGATGGACCTGACTTT
CAAGACAGAGTTGTCAACAGTGAGACACCAAGTTGTCGTGGACTTTCATGCACAGTGGTGTGGCCCTGCA
AGATCCTAGGACCTCGTTAGAGAAGATGGTAGCCAAACAGCACGGGAAGGTGGTATGGCCAAAGTGG
CATTGACGATCACACAGACCTTGCCATTGAGTACGAGGTGTCTGCTGTGCCTACCGTGTGGCCATCAAG
AACGGGGACGTGGTGGACAAGTTTGTGGGGATCAAGGACGAAGACCAGCTGGAAGCCTTCTGAAGAAGC
TAATTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053331
Insert Size: 501 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).



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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:	<u>NM_053331.2</u> , <u>NP_445783.1</u>
RefSeq Size:	1142 bp
RefSeq ORF:	501 bp
Locus ID:	79462
UniProt ID:	<u>P97615</u>
Cytogenetics:	7q34
Gene Summary:	involved in dithiol reducing [RGD, Feb 2006]