

Product datasheet for **MC203182**

Txn14a (NM_025299) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txn14a (NM_025299) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txn14a
Synonyms:	D18Wsu98e; Dim1; ENSMUSG00000057130; Txn14; U5-15kD; U5-15kDa
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC031634 GGCGGGTGGAGGACGCGGTGGTCCGGCCGCGTGGGCTCACACGAGGTAGCTCGCGGCGTCCGGCCGCGCT TGCGCGCTCAAGATGTCGTACATGCTTCCGCATCTGCACAATGGCTGGCAGGTAGACCAGGCCATCCTTT CGGAGGAGGACCGGTGTCGTATTCTCGGACACGACTGGGACCCCACTTGATGAAGATGGACGA GGTTCTGTACAGCATCGCCGAAAAGGTTAAAAATTTGCAAGTATTTATCTTGTGGATATTACAGAAGTG CCTGACTTCAACAAGATGTACGAGCTGTATGACCCTGCACTGTCATGTTCTTTCAGAAAACAACATA TCATGATTGATTTGGCACTGGCAACAACAAGATCAACTGGGCCATGGAAGACAAGCAAGAAATGGT TGACATCATAGAGACCGTGTACCGTGGCGCCCGCAAAGGCCGGGGTCTGGTGGTGTCTCCCAAGGACTAT TCTACCAAGTACAGATACTGAGCCCTGCCCTCAGGCTGTGCAAAGGACACTGAGAGCCTCTCCACATAG AAATCCTCTGCTCTCGTAGCCTCTGAAAAGCCCTGCAGCCCGACATTGCTGTAGAGCTGGAGGATCCGT GAGATGAGGGTTACAGAGCCTTAGCTAGCTGAAGCAAATAAACATGGCGAGGGAGCAGTGGGAAAAAAAAA AAA AAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025299
Insert Size:	429 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: [BC031634](#), [AAH31634](#)

RefSeq Size: 784 bp

RefSeq ORF: 429 bp

Locus ID: 27366

UniProt ID: [P83877](#)

Cytogenetics: 18 53.34 cM

Gene Summary: Plays role in pre-mRNA splicing as component of the U5 snRNP and U4/U6-U5 tri-snRNP complexes that are involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform a.