

## Product datasheet for MC206817

### Txn14a (BC014770) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Txn14a (BC014770) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txn14a
Synonyms:	D18Wsu98e; Dim1; ENSMUSG00000057130; Txn14; U5-15kD; U5-15kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206817 representing BC014770. Blue=ORF Red=Cloning site Green=Tag(s)

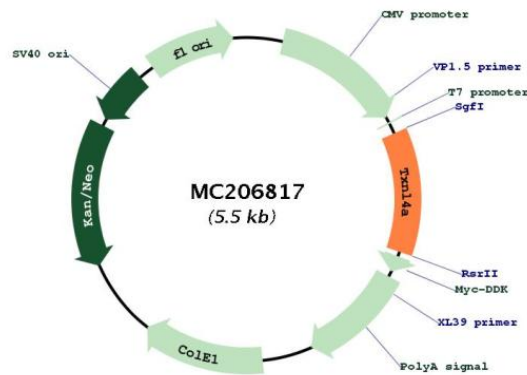
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACATCCGCCGGCTCGGCCAGATGACCTGATGAACATGCAGCACTGCAACCTGCTGTGCCTGCC
GAGAACTACCAGATGAAGTACTACTTCTATCATGGCCTCTCTGGCCCCAGCTCTCCTACATTGCTGAG
GACGAGGATGGGAAGATTGTGGCTATGCTCGCCAAAGATGGAGGAGGACCCCGATGATGTCCCTCAC
GGACACATCACCTCGCTGGCTGTGAAACGCTCCCACGGCGCCTCGCCCTGGCCAGAAGCTCATGGAC
CAGGCTTCCAGGGCCATGATTGAGAACTCAGCGCTAAGTATGTATCCCTGCATGTCAGGAAGAGCAAC
CGGGCGGCTCTGCACCTGTATTCCAACACCTGAACTTCCAGGTTAGCGAGGTGGAGCCCAAGTACTAT
GCAGATGGGAAGACGCGTATGCTATGAAGCGAGATCTCTGCAGATGGCCGATGAGCTGAGACGGCAG
CTGGTGTGAAGAAAGGCAGATATGTGGTCTGGGCTCCAAGGAGAATCAGGGTAGCACACTTCTGGT
TCTGAAGAGGCCAGTCAGCAGGAGAACCTGGCCGGAGGTGACAGTGGTAGTGATGGCAAAGACAGCACT
GATGTCCAAGACAGCTTGCAGACCCTAGGGTCCGCCTCC TAG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
```

Restriction Sites: Sgfl-RsrII



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## Plasmid Map:



ACCN: BC014770

Insert Size: 663 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).

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: [BC014770](#)

RefSeq Size: 1654 bp

RefSeq ORF: 662 bp

<b>Locus ID:</b>	27366
<b>Cytogenetics:</b>	18 53.34 cM
<b>MW:</b>	24.8 kDa
<b>Gene Summary:</b>	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]