

Product datasheet for **MC228277**

Txlna (NM_001199695) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txlna (NM_001199695) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txlna
Synonyms:	2600010N21Rik; AI425952; AW209241; II14; Txln
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228277 representing NM_001199695
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGAACCAAGACAAAAAGAATGGGCCTGCCAAACTCCAACCTCGAAGGGCAGCCCGGGCAACGGG
AAGCAGGACCGGAGGGAGCCCATGGACGACCCAGACAGACAGCTCCTGGGGCGGAAGCCGAAGTTCCAC
AAGCCAGGCTCCTGGGAAGACCGAGGGGCTCGAGCTAAAGCAGCTCAGCCTGGGGCCCTCTGTGACGTC
TCTGAGGAGCTGAGCCGGCAGTTGGAAGACATCCTGAGTACATACTGTGTGGACAACAATCAGGGAGGCC
CGGCTGAGGAGGGAGCACAGGGTGAAGCCACTGAGCCGGAAGACACGGAGAAGTCCCGAACCTATGCAGC
CAGGAATGGGGAGCCTGAACCAGGCATTCCAGTCGTCAACGGCGAGAAGGAGACCTTAAGGGAGAGCCT
GGAACAGAGGAGATCCGAGCGAGTGATGAAGTTGGAGACCGAGACCATCGGAGGCCACAGGAGAAGAAGA
AAGCCAAGGGTCTAGGGAAGGAGATCACTCTGCTGATGCAGACACTGAACACGCTGAGTACCCAGAGGA
GAAGCTGGCTGCACTGTCAAGAAGTATGCTGAGCTGCTGGAAGAGCATCGGAACCGCAGAACGAGATG
AAGCTCCTGCAGAAGAAGCAGAGCCAGCTCGTGCAGGAGAAGGACCATCTGCGAGGGGAACACAGCAAGG
CTGTCCTGGCCCGAAGCAAGCTTGAGAGTCTGTGCCGGGAGCTGCAACGGCACAACCCGGTCCCTGAAGGA
AGAAGGCGTGCAGCGAGCCCGTGAAGGAGGAGAGAAGCGCAAAGAAGTGACTTCACACTTCCAGGTGACA
CTGAATGACATTCAGCTGCAGATGGAACAGCATAACGAGCGAACTCCAAGCTGCGCCAGGAGAATATGG
AGCTAGCCGAGAGGCTCAAGAAGTTGATCGAGCAATACGAGCTTCGTGAGGAGCATATCGACAAAGTCTT
CAAACATAAGGACCTGCAGCAGCAGCTAGTGGACGCCAAGCTCCAGCAGGCCAGGAGATGCTGAAGGAG
GCAGAGGAGCGGCCACAGCGAGAGAAGGAGTTTCTCCTGAAGGAAGCGGTGGAGTCCAGAGGATGTGCG
ACCTGATGAAGCAGCAGGAGACCACCTAAAGCAGCAGCTCGCCCTGTACACGGAGAAGTTGAGGAGTT
CCAGAACACACTTCCAAAAGCAGTGAAGTGTTACCACGTTCAAACAGGAGATGGAAAAGATGACAAAAG
AAGATCAAGAAGCTGGAGAAAAGAAACCACCATGTATCGATCCCGGTGGGAAAGCAGCAACAAGGCTCTGC
TGGAGATGGCTGAAGAGAAAACCGTCCGGGACAAAGAGCTGGAGGGCCTGCAGGTGAAAATCCAGCGGCT
GGAGAAGCTGTGCCGAGCACTGCAGACCGAGCGCAATGACCTCAACAAGAGGGTACAGGACCTGACTGCA
GGGGGCATCACTGACATTGGCTCTGAGCGGAGGCCAGAGGCCACCACTGCCTCCAAGGAACAAGGGTTG
AAAGTCTGGGGCTCAACCAGCCAGCTCTCAAGGGCCACAGACGCTCCTTGCTGCTCGGGAGCCCCGAG
CACAGGAACAGCAGGCCAGACAGGGCCTGGAGAGCCACCCTGCCACTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001199695

Insert Size: 1665 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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: [NM_001199695.1](#), [NP_001186624.1](#)

RefSeq Size: 4586 bp

RefSeq ORF: 1665 bp

Locus ID: 109658

UniProt ID: [Q6PAM1](#)

Cytogenetics: 4 63.26 cM

Gene Summary: May be involved in intracellular vesicle traffic and potentially in calcium-dependent exocytosis in neuroendocrine cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) contains a different segment for its 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.