OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC226826

Txlng (NM_001290778) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txlng (NM_001290778) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Txlng
Synonyms:	4932441K18Rik; Fiat; Lrp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

```
>MC226826 representing NM_001290778
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACTCGGCTTGAGGAGGTAACGCGAGGAAGAGGCGGCGGTACTGAGGAGGCTAGTGAGGGCGGAC
GGGGCGGACGGCGACGTAGCCCCCCGCAGAAGTTTGAAATTGGCACAATGGAAGAAGCTAGAATTTGTGG
GTTAGGAGTAAAAGCAGACATGGTATGTAACTCTCAAGCAAATGATATTCTTCAACATCAAGACCCCAGT
TGTGGTGGCACAACTAAGAAACATTCACTGGAAGGGGATGAAGGCAGTGACTTTATTACAAAGAACAGAA
ATTTGGTGAGCTCAGTATTCTGTACACAGGAGAAAAGAGAAGAAATTCCTGGACGAGAAGCTCGAACAGG
TCCTCCTGATGGCCAGCAAGATTCAGAGTGCAGCAGGAACAAAGAGAAGACCTTAGGAAAAGAAGTTTTA
TTACTGATGCAAGCGCTAAACACCCTTTCAACCCCAGAGGAGAAGCTGGCAGCTCTCTGTAAGAAATATG
CTGATCTCCTGGAAGAAAGCAGGAATGTTCAGAAACAAATGAAGATTCTGCAGAAGAAGCAAGCCCAGAT
TGTGAAAGAGAAAGTTCACCTTCAGAGTGAACACAGCAAGGCCATCTTGGCAAGAAGCAAACTGGAATCT
CTTTGCAGGGAACTTCAGCGTCATAATAAGACCTTAAAGGAGGAGAATATGCAGCAGGCACGAGAGGAGG
AAGAACGACGTAAAGAAGCAACAGCACATTTCCAGATAACTCTAAATGAAATCCAAGCTCAGTTGGAACA
ACATGACATCCACAATGCCAAACTGCGACAGGAGAACATTGAACTGGGAGAGAAGTTGAAGAAGCTTATT
GAGCAGTATGCACTAAGGGAAGAGGTAATATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Restriction Sites:	SgfI-MluI
ACCN:	NM_001290778
Insert Size:	873 bp

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_001290778.1, NP_001277707.1
RefSeq Size:	2800 bp
RefSeq ORF:	873 bp
Locus ID:	353170
Cytogenetics:	X F4
Gene Summary:	May be involved in intracellular vesicle traffic (By similarity). Inhibits ATF4-mediated transcription, possibly by dimerizing with ATF4 to form inactive dimers that cannot bind DNA. May be involved in regulating bone mass density through an ATF4-dependent pathway. May be involved in cell cycle progression.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks multiple 3' coding exons and its terminal exon extends past a splice site used in variant 1, resulting in a different 3' coding region and 3' UTR. The encoded isoform (4) has a distinct C-terminus and is shorter than isoform 1.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US