

Product datasheet for **MC225351**

Tln2 (NM_001081242) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tln2 (NM_001081242) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tln2
Synonyms: 5730421P04Rik; AI507121; AI787438; AL118320; mKIAA0320
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225351 representing NM_001081242
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGGCCCTATCCTTAAAGATCTGTGTCCGCCACTGCAATGTGGTGAAGACCATGCAGTTTGAGCCAT
CTACAGCTGTGTATGACGCTTGTGAGTACATTAGGGAGAGAGTACCTGAGGCACAGACTGGCAAGCTTC
TGACTATGGGCTGTTTCTCCTCCGATGAAGACCCAAGAAAGGGATTTGGCTAGAAGCAGGTCGGACACTG
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GAAGAAGGGACAGGCACACTAAAAAAGATAGGACGTTGTTACGAGATGAGAGGAAGATGGAGAAGCTGA
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 ATCCGCCAAGCAGGTGCGAGCTTCAACCGCTCAGCTGCTGGTGGCCTGCAAGGTGAAGGCCGACCAGGAT
 TCAGAGGCCATGAAGCGGCTACAGGCGGCAGGAAATGCTGTGAAAAGAGCCTCAGACAATCTTGTTCGTG
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 CATTGCTCAGATCATTGCAGCCCAGGAGGAAATGCTGAAGAAAAGAACGAGAGCTGGAGGAAGCCAGGAAG
 AAGCTGGCCAGATCCGCCAGCAGCAGTACAAATTCCTCCCCACAGAGCTGAGGGAAGATGAGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081242
- Insert Size:** 7629 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: [NM_001081242.2](#), [NP_001074711.2](#)

RefSeq Size: 12150 bp

RefSeq ORF: 7629 bp

Locus ID: 70549

UniProt ID: [Q71LX4](#)

Cytogenetics: 9 C

Gene Summary: As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]