

Product datasheet for **MC224595**

Tln2 (BC079896) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tln2 (BC079896) 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:	>BC079896 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGGAGTCAACTATGTTGGAAGAATCAGTTTCCCCAAAAAATCTACCATCCTGCAGCAGCAGTTCA
ACCGGACTGGGAAAGCAGAGCATGGTTCGGTAGCACTGCCAGCTGTCATGCGCTCTGGCTCCAGTGGGCC
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CACATGCCTCCGCTGACGTGCGCACAGCAAGCCCTTATGGGGACCATCAACACAAGCATGCACGCTGTCC
AGCAGGCTCAGGATGACCTCAGCGAGCTCGACTCGCTGCCACCCCTCGGCCAAGATATGGCATCTAGGGT
ATGGGTTCCAGAACAAAGTGGATGAATCCAAGCATGAAATCCACTCTCAAGTCGATGCTATCACAGCTGGG
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CTGCCACACAGACCATCGCAGCCTCCCAGAATGCAGCCATCTCCAACAAGAACCCCTCAGCCCAGCAACA
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 TACCAGCTCAAAGGAGCCGCAAGGTGATGGTGACCAATGTCACCTCCCTTCTTAAGACTGTGAAGGCAG
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 AGTGTTCAGTCAAAGACATACCTGAAAAGACATCATCACCCGAGGAATCAATAAGAATGACGAAAAGT
 ATCACCATGGCAACAGCGAAAGCCGTGGCAGCTGGGAACCTCATGTAGACAAGAGGATGTAATTGCAACCG
 CCAATCTGAGCAGGAAGGCTGTCTCAGATATGTTGATAGCTTGCAAGCAAGCATCCTTCTACCCTGATGT
 CAGTGAAGAGGTGCAACCAAGAGCCTTGCAGTATGGCACAGAATGCACCTTGGGCTACCTGGACCTACTA
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 GAGTTGCTGGAGCTGTGACGGAGCTCATCCAGGCAGCGGAAGCCATGAAAGGAACAGAGTGGGTGGATCC
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 GATGCTGGTGGGAAAATACTCCTGTTGGAGCGGGCGGCAGGAAATGCTGTGAAAAGAGCCTCAGACAATC
 TTGTTCTGTCAGCCAGAAGGCAGCATTGGCAAAGCTGATGATGACGATGTTGTGGTGAACCAAGTT

CGTGGGAGGCATTGCTCAGATCATTGCAGCCCAGGAGGAAATGCTGAAGAAAGAACGAGAGCTGGAGGAA
GCCAGGAAGAAGCTGGCCAGATCCGCCAGCAGCAGTACAAATTCCTCCCCACAGAGCTGAGGGAAGATG
AGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC079896
Insert Size:	5328 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:	<ol style="list-style-type: none">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:	BC079896 , AAH79896
RefSeq Size:	6238 bp
RefSeq ORF:	5327 bp
Locus ID:	70549
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]