

Product datasheet for **MC201027**

Ttll1 (NM_178869) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttll1 (NM_178869) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttll1
Synonyms:	6330444E16Rik; AV014541
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010510 sequence for NM_178869
GCTTCTGCTACCCAGTCCGTGTCTCCGCTGCTCAACGTCGTTTTCTCTGTTGATATCCTGGGACTTGCCCT
TGTGCCTTCAACTGCTGTAATTGCATCATTATCTTTCTTACCGGCTATTCTAGTGACGCCAAGAGACTCT
GAGCGCTCCAGGAGCTGCGGAAGGACCTATGGGACTGGGCATTTATGGAATGCTGGAGGCCTGTCTGCAC
GTGGAGTGTGACCAAGTGTCCCTGATCCTCCGCCATACTAGATGCCTGAAGTGTCTCTTTTCCCCATA
CATGGTGACCTCCTGACGTCTCTAGACATTACCAGCAATTGTGGGTAGAGGGATCATGGCGGAAGGGT
GAAGTGGGTCACTGACATTGAGAAGTCGGTACTAATCAACAACCTCGAGAAGAGAGGGTGGATCCAAGTG
ACAGAAAATGAAGACTGGAATTTTACTGGATGAGCGTGCAAAACCTTCGCAACGTGTTTCAGCGTAGAAA
CTGGGTACCGGCTGTGACGACGACGATCGTCAACCATTTCCCCAACCACTACGAGCTGACCCGCAAGGA
CCTGATGGTGAAGAACATTAAGAGATACAGGAAGGAGCTGGAGAAGGAAGGAAGTCCCTTGGCGGAGAAA
GACGAGAATGGAATAACCTCTATCTGGACTTTGTCCCGTCACCTACATGCTCCCGCCGACTACAACC
TGTTTGTGAAGAGTTCCGGAAGAGCCCGTCCAGCACCTGGATCATGAAGCCATGTGGCAAAGCACAGGG
AAAAGGCATCTTCTCATCAATAAGCTTTGCGAGATCAAAAAGTGGTCCCGGGACAGCAAGACGCTCTCG
TTTGTGTCGAGTCCACAAAAGAAGCGTACGTGATCTCAGTCTATATCAATAATCCGTTGCTCATCGGTG
GAAGGAAGTTTGACCTTCGTCTGTATGTCTGGTGTCCACGTACCGCCCGCTGCGCTGCTACATGTACAA
GCTTGGGTCTGCGGCTTCTGCACAGTGAAGTACACCCCTAGTACCAGTGAGCTCGACAACATGTTTGTC
CACCTTACCAACGTGGCCATCCAGAAGCATGGGGAGGACTACAACCACATCCACGGTGGCAAGTGGACTG
TCAACAACCTGCGTCTCTACCTGGAGAGCACCCGAGGCCGAGAGGTGACCAGCAAGCTGTTTGATGAAAT
CCACTGGATCATCGTGCAGTCTCTCAAGGCCGTGGCGCCAGTGATGAACAACGACAAACACTGCTTTGAA
TGCTACGGCTACGACATCATCATGATGACAAGCTGAAGCCCTGGCTGATCGAGGTCAACGCGTCCCCGT
CTCTCACATCCAGCACGCCAACGATCGAATCCTTAAGTACAACCTGATTAACGACACCTCAACATTGC
GGTCCCCAACGGCGAGATTCCCGACTGCAAGTGAACAAGTCTCCCCCAAGGAAGTACTTGGCAACTAT
GAGATCCTGTATGACGAGGAGCTGGCCAGGGTGACGGGGCTGAACGAGAGCTTAGAAACCGCCAGGCC
AGCCAGTGGGGCCAGAGCAGGCCGCTCGAGAGACTCAGGAAGAAGTGTCTCACAACCTGGAAGTGACC
AGCAGCGAGAAGAAGGACCCAGCTTGGACCTTCCACAGTCTGCTCCACCCAGTCCCTGTAAACACCCG
TTTTGGAATTTAGTTTTCCAGAGTGTCTTCTGAGCAGGCTTGTAAATAAAGACTCAATGCAAGGTGG
AGGAGTCCACATCACTGGGGCTCAAGCACTTGCAAGTGACACATGCACACACACACACACACGACG
CACGCACGCACGCACACATGCACACACAAAAACAACAGCTTCGGTATGTGATGGAAGTCTCTTTTAA
GATTTATTATTTTGGATAGGTACCTCTGGATGGCTGGAAGTGGCATGTAGACCAGGCTGGCTAGA
ACTCACAGAGATCTACCTGCCTCTGCCTCCCAAGTGTGGGATTAAAGGTGTGTGCCACCACAAAAAAA AAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_178869

Insert Size: 1272 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC010510 , AAH10510
RefSeq Size:	2038 bp
RefSeq ORF:	1272 bp
Locus ID:	319953
UniProt ID:	Q91V51
Cytogenetics:	15 E1
Gene Summary:	Catalytic subunit of the neuronal tubulin polyglutamylase complex. Modifies alpha- and beta-tubulin, generating side chains of glutamate on the gamma-carboxyl groups of specific glutamate residues within the C-terminal tail of alpha- and beta-tubulin.[UniProtKB/Swiss-Prot Function]