

Product datasheet for **MC216338**

Ttll9 (NM_029064) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ttll9 (NM_029064) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ttll9 |
| Synonyms: | 1700016F23Rik; 4930509O20Rik; AW046572 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC216338 representing NM_029064
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCGACAGAAGAATCAAAATTC AAGGGCCATGGAGTGTGCGAAAGAAAAGAGAGAGCAGAGAA
 CCTTAATCCGCTTCAAGACCACCCTCATGAACACACTCATGGATGTTCTGCGCCACAGGCCCGGATGGGT
 GGAAGTCAAAGATGAAGGCGAATGGGATTTCTATTGGTGTGATGTCAGCTGGCTGCGGGAGAACCTTGAC
 CACACCTACATGGATGAGCACGTGCGCATAAGCCACTTCCGGAACCACTACGAGCTTACCAGGAAAACT
 ACATGGTAAAGAACCTGAAGCGCTTCCGGAAGTACCTGGAGCGTGAGTCAGGAAAGACGGAGGCAGCCAA
 GTGTGACTTCTCCCAAACCTTTGAGATGCCCTGTGAGTACCATCTGTTTGTGGAGGAGTTTCGCAAG
 AACCCCGGATCACCTGGATCATGAAGCCTGTCGCCGATCTCAGGGGAAGGGCATATTTCTCTCCGGA
 GACTGAAAGACATCATGGACTGGAGGAAGGGCACTTCGGGAAGAAACCCACCGTGTGGAGACGCAGCC
 TGCTCGAGCCAACATGAACCCCTCAGGCAGCCATGACACAAGGAGTTCTGATGACCAGAAAGATGACCTC
 CCGGTGGAGAACCTACGTGGCTCAGCGTTACGTGGAAAACCCCTACTTAATAGGAGCCGCAAGTTTGACC
 TGC CGCTACTCGTGTGGTGTGTCGTACATCCCTCTGCGGGCATGGCTGTACCGTGATGGCTTTGCCAG
 GTTCTCCAACACCCGATTCACACTGAATAGCATCGATGACCACTATGTTACCTACCAATGTTGTGTG
 CAGAAGACATCGCTGACTACCACCTAAAAAGGGTTGCAAGTGGATGCTTCAGCGCTTCAGGCAGTACC
 TGGCTTCCAAGCATGGTCTAAGGCCGTGGAGACACTCTTCAGTGACATGGACAATATCTTCATCAAGAG
 CCTGCAGAGCGTGCAGAAGGTGATCATCAGTGATAAGCACTGCTTTGAGCTCTATGGCTATGACATCCTC
 ATTGACCAGGACCTCAAGCCGTGGCTCCTAGAAGTCAATGCCTCTCCTCCCTGACGGCCAGCAGCCAGG
 AGGACTATGAACCAAGACCTGTCTGCTGGAGGATACCCTGCACGTGGTGGACATGGAGCCAGGCTCAC
 AGGAAAGGAGAAGAGAGTCGGGGCTTCGATCTCATGTGGAATGATGGCCCTGTCAGCCGAGAGGATGGG
 CCTTCTGACCTATCAGGGATGGGAACTTTGTGACCAACACTCACCTAGGTACGTTGAGCCAGACAGGAA
 GTGAGTGGGAGAGAAACATCATAGGAAGTGGAGGGGGCTGGGGCCGCTTGGCAGAGCAGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029064

Insert Size: 1395 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_029064.2](#), [NP_083340.2](#)
RefSeq Size: 1547 bp
RefSeq ORF: 1395 bp
Locus ID: 74711
UniProt ID: [A2APC3](#)
Cytogenetics: 2 H1
Gene Summary: Probable tubulin polyglutamylase that forms polyglutamate side chains on tubulin. Probably acts when complexed with other proteins (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) encodes the longest isoform (2).