

Product datasheet for **MC216168**

Ttll9 (NM_001083618) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttll9 (NM_001083618) 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: >MC216168 representing NM_001083618
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGCGACAGAAGAATCAAATTC AAGGGCCATGGAGTGTGCGAAAGAAAAGAGAGAGCAGAGAA
CCTTAATCCGCTTCAAGACCACCCTCATGAACACACTCATGGATGTTCTGCGCCACAGGCCCGGATGGT
GGAAGTCAAAGATGAAGGCGAATGGATTCTATTGGTGTGATGTCAGCTGGCTGCGGGAGAACTTTGAC
CACACCTACATGGATGAGCACGTGCGCATAAGCCACTTCCGGAACCACTACGAGCTTACCAGAAAACT
ACATGGTAAAGAACCTGAAGCGTTCGGAAGTACCTGGAGCGTGAGTCAGGAAAGACGGAGGCAGCCAA
GTGTGACTTCTCCCAAACCTTTGAGATGCCCTGTGAGTACCATCTGTTTGTGGAGGAGTTTCGCAAG
AACCCCGGATCACCTGGATCATGAAGCCTGTCGCCGATCTCAGGGGAAGGGCATATTTCTCTCCGGA
GACTGAAAGACATCATGGACTGGAGGAAGGGCACTTCGGGAAGAAACCCACCGTGTGGAGACGCAGCC
TGCTCGAGCCAACATGAACCCCTCAGGCAGCCATGACACAAGGAGTTCTGATGACCAGAAAGATGACCTC
CCGGTGGAGAACTACGTGGCTCAGCGTTACGTGAAAACCCCTACTTAATAGGAGGCCGCAAGTTTGACC
TGCGCGTCTACGTGCTGGTGTGTCGTACATCCCTCTGCGGGCATGGCTGTACCGTGTGGCTTTGCCAG
GTTCTCCAACACCCGATTCACACTGAATAGCATCGATGACCACTATGTTACCTACCAATGTTGCTGTG
CAGAAGACATCGCTGACTACCACCTAAAAAGGGTTGCAAGTGGATGCTTCAGCGCTTCAGGCAGTACC
TGGCTTCAAGCATGGTCTAAGGCCGTGGAGACACTCTTCAGTGACATGGACAATATCTTCATCAAGAG
CCTGCAGAGCGTGCAGAAGGTGATCATCAGTGATAAGCACTGCTTTGAGCTCTATGGCTATGACATCCTC
ATTGACCAGGACCTCAAGCCGTGGCTCCTAGAAGTCAATGCCTCTCCTCCCTGACGGCCAGCAGCCAGG
AGGACTATGAACCAAGACCTGTCTGCTGGAGGATACCTGCACGTGGTGGACATGGAGCCAGGCTCAC
AGGAAAGGAGAAGAGAGTCGGGGCTTCGATCTCATGTGGAATGATGGCCCTGTCAGCCGAGAGGATGGG
CCTTCTGACCTATCAGGGATGGGAACTTTGTGACCAACACTCACCTAGGCTGCGTCAATGACCGGAAGG
AGCAGCTCAGGCAGCTGTTCCGATCCCTTCAAGCGCAGAGGAAAGCCCTAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001083618

Insert Size: 1386 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:	<u>NM_001083618.1, NP_001077087.1</u>
RefSeq Size:	2939 bp
RefSeq ORF:	1386 bp
Locus ID:	74711
UniProt ID:	<u>A2APC3</u>
Cytogenetics:	2 H1
Gene Summary:	<p>Probable tubulin polyglutamylase that forms polyglutamate side chains on tubulin. Probably acts when complexed with other proteins (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 3' UTR and coding sequence compared to variant 2. The resulting isoform (1) has a shorter and distinct C-terminus compared to isoform 2.</p>