

Product datasheet for MC212065

Ttll3 (NM_001142732) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ttll3 (NM_001142732) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ttll3
Synonyms: 4833441J24Rik; AI450050
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212065 representing NM_001142732
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCCGACTCAGAAACGCCAAAATCCACGTAGAGAGAGCCGTCAAGCAGAAGAAGATCTTTATGATTC
ATGGCCGATACCCAGTGATCCGGTGTCTTTGCGTCAGAGGGGCTGGGTAGAGAAGAAGATGGTGCATCC
CCCAGGCACAGCCCTGCCAGCACCCAGAAGGATCTCGATAGCTCCATGCTGGGTGATAGCGATGCCACG
GAGGATGAGGATGAGGAAGAGAACGAAATGTTTCGGGAGTCGCAGCTGTTGGACTTGGATGGTTTCCTGG
AATTTGATGACCTAGATGGGATACATGCTTTGATGTCGCCATGTTTCGAAATGAGACCCCTACCTCAT
CTGGACCACTCGGCGGGATGTGCTGGATTGTCGCTTCCTTTCCAAGGATCAGATGATAAACCATTATGCC
CGTGCAGGCTCCTTACCACAAAGGTGGGCCTTTGTCTCAACCTCCGGAATCTGCCGTGGTTTGATGAGG
CCGATGCTGACTTTTCTCCACGATGCTACCGATTGGGGCAGAGGATGACAAGAAAGCCTTCATAGG
TAAGGGGACTCCAATCCCAGGCCTGGCTCCCTCATGCTGTCTGTCCACAGGGGAAAAGCAAGCCTCC
CCTTGTGGCCTGTGAACCCAGCCCTTTCCTCCTACCAATGGGTCTTCCATTATAAGCCAACCTTGGC
ATTCAGAGAAGCCTAGGGAGCCAGGCTTGTACCCTGTAGCGGGTCTAGAGGTGGGTGGTTGGTTCTGT
CTGGAGTCTAGATAAGTTGCTGGCTGGACCAGGTTCTACAAAAGGCAATGGGTCTCTAAGGCAAAGTAAG
TTCTGTTTCAACATGGGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001142732
Insert Size: 864 bp



[View online »](#)

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:	<u>NM_001142732.1</u> , <u>NP_001136204.1</u>
RefSeq Size:	1450 bp
RefSeq ORF:	864 bp
Locus ID:	101100
UniProt ID:	<u>A4Q9E5</u>
Cytogenetics:	6 E3
Gene Summary:	<p>Monoglycylase which modifies alpha- and beta-tubulin, generating side chains of glycine on the gamma-carboxyl groups of specific glutamate residues within the C-terminal tail of alpha- and beta-tubulin. Involved in the side-chain initiation step of the glycylation reaction by adding a single glycine chain to generate monoglycine side chains. Not involved in elongation step of the polyglycylation reaction.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant has an alternate 5' exon and lacks multiple 3' exons but has an alternate 3' end sequence, as compared to variant 1. The resulting isoform (2) has a shorter N-terminus and a shorter and different C-terminus, as compared to isoform 1.</p>