

Product datasheet for **MC221784**

Ttll13 (NM_177765) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttll13 (NM_177765) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttll13
Synonyms:	1700111A04Rik; 4921538O11; BC024578
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221784 representing NM_177765
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCCCAATAACTGTAAAGACCAGTGAATCTGAGGAAGATGATATTGAGGAAGAAGAATCTGAGGAAG
 AATGTGTTAGAGAGGAATCTACCAACCCCAACTCTACCCAGCAGGCACCTTAGAAAAGGCTGACTATAAAGA
 ATTTGAGAATGGGGTTGCCTTATCGGTTGTAGCCAAGAAAATTCCAAAAGAAAATATTAAGTGCAACAGAC
 ACAGATGATTTGGAAGTTGGGAGGAGAAGAAGAAAGCGGAAACGAAGACCCTGGCCATCAACCTGACCA
 ACTGCAAGTATGAGAGTGTGCGCCGGCAGCCCAATGTGTGCCCTGAAGGAAGTAGGGGAGGATGAGGA
 GTGGACGGTGTACTGGACAGACTGCTCTGTCTCACTGGAACGAGTCATGGACATGAAGAGGTTTCAGAAA
 ATCAACCACTTCCCTGGCATGACGGAAATCTGCCGCAAAGATCTGCTGGCTCGGAACCTCAACCGCATGC
 AGAAGCTCTACCCTACTGAGTACAACATCTTCCACGCACCTGGTGCCTCCCTGCGGACTATGGGGACTT
 CCAGGCCTACGGTCGTCAGCGGAAAACCCGCACCTTATATCTGCAAGCCAGATAGCGGCTGTCAGGGGCGT
 GGATCTTTATACACCAGAACCCCAAGGAAATCAAGCCAGGAGAGCATATGATCTGCCAGCAGTACATCA
 CCAAGCCCTTCTTATTGATGGCTTCAAGTTTGACATGCGAATCTATGTTCTGATCACTTCTGTGACCC
 TCTCCGGATCTTCATGTACGAGGAAGGCCTGGCTCGTTTTGCCACTATGCCGTATGTGGAACCTAGCCAT
 ACAAACCTGGAGGAGTCTGCATGCACCTGACCAACTATGCCATCAATAAACACAATGAGAATTTTGTC
 GAGATGATGCTGTGGGCAGTAAGAGGAAGCTGTCGACACTCAATGCCCTGGCTGCGAGAGCACAGCCATGA
 TCCCAAGAGCTGTGGGGGACATCGAGGACATCATCATCAAACCATCATCTCAGCCACTCTGTGCTT
 CGCCACAACCTACGAACCTGTTTCCCAATATCTGTGTGGAGGTACATGCGCCTGCTTTGAGATCTGG
 GGTTTGACATCTTACTGGACCACAACTCAAGCCCTGGCTTCTAGAGGTAACCACTCCCAAGTCTCAC
 CACAGACTCCCGCTGGATCGAGAGGTGAAAGATGCACCTTCTCTGTGATGCTATGAACCTTGTCAACCTC
 CGGGGCTGTGACAAAAGAAGGTGATTGAAGAAGACAAACGTCGAGTCAAGGAGCGGCTTTTCCCGTGCC
 ACCAACAGCCACGAGAAACAGGCGAGAACAGTTTGAAGTATCCCAGGCTGCCATGCATGACCAGGAGCG
 CTATGAAGACTCCCACCTAGGGGATACCGGCGGATCTACCCGGGCGGACTCCGAGAAAACGACCT
 TTCTTCAAGCACAATGGCTCCCTCTTCCAGGAGACAGCTGCCTCAAGGCCAGAGAGGAGTGTGCCAGGC
 AGCAACTGGAAGAGATTCGCTAAAGCAGGAACAGCAGGAGAACCAGGCACCAAGAAGCGCAAGGAAAA
 CAAGGAGCAGAATCAGGGAGAATCGGCGGGGAGAAAAGCCGATCCGAAACAGCTACTCGGGTCTTGCC
 ACCAGCTTGGCATACAGGAACCGGAACCGGAGAAAGAGCTGCTGCCAGTACAACCTGGACTACGCAGC
 CTCAGGACATCGTGAAGAGGAGGAGCTCGAGCGGATGAAGCTCCTGCTACAGAGAGAGAACTCATCCG
 CAGCCTGGGCATTGTAGAGCAGCTACCCCGCATGCTGTACCCTAGCCACCGGAGCCACAGAAAGTTCAT
 GAGTATCGGCCTAGATTTACCAGGACGGGCTGAGCAGTCAAGAACTGCAACCTGTGAATTTGGTCCCAT
 TGGTGCTTCTGAGAGGGGCTGCCTCAGAGCAGATCCCTCCTCATTTCTGCAACCACTTCGGCCCCACGA
 GTTGATCCCAGGATCTTAGGGCCGCTATCAAGCATCAATCCCGCAATTGCACAGCATTCCCGGTACCAT
 CTTCAGCCCAAGAACTTCAACTGGATAGGAGATTACGAGCCACGGGCCCTGTTCAATTGCAATGAAGA
 AATCTGGGAGGCACTATATTTCCAGCTCTAGAGTCAGGCTCACTAGCCGTAAAAGAAGGAAAGCCAGCA
 CTCAACAAAACAGCAAATGGTCTTCAATCTTTGCTAATTGAAAGACTGCCAACAAAGTTCCAGATTGAAA
 AGCTCTGGCCAGGACCTTTGTTTGCAAAAAGGCAAAAACACGGAGACACCAAGAGTCTTCAACATTCTA
 AGATTCTTTGGGATCGGTAAGACTAAAAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177765
Insert Size: 2415 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:	NM_177765.3 , NP_808433.2
RefSeq Size:	3010 bp
RefSeq ORF:	2415 bp
Locus ID:	269954
UniProt ID:	A4Q9F6
Cytogenetics:	7 D2
Gene Summary:	Polyglutamylase which preferentially modifies alpha-tubulin. Involved in the side-chain elongation step of the polyglutamylation reaction rather than in the initiation step. [UniProtKB/Swiss-Prot Function]