

## Product datasheet for **MC218732**

### **Ttll2 (NM\_001098267) Mouse Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                       |
| Product Name:      | Ttll2 (NM_001098267) Mouse Untagged Clone |
| Tag:               | Tag Free                                  |
| Symbol:            | Ttll2                                     |
| Synonyms:          | EG625850; ENSMUSG00000079722              |
| Vector:            | pCMV6-Entry (PS100001)                    |
| E. coli Selection: | Kanamycin (25 ug/mL)                      |
| Cell Selection:    | Neomycin                                  |



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**Fully Sequenced ORF:** >MC218732 representing NM\_001098267  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGGTCTGCAGAGTTGGGTGATGTGACTGCAGAGATTTTGGACTGCCACTAGAGGGACATTCTG  
 TACAGGAAAGCAAGCCTTTGAAGACAGAAGATGAACCCCAAGGGGCCCTTGAAGCCACTGGTGTCCG  
 AGTGGATGAGAGCACCCCTGGGCTCGTACAGAGTGCCTCCTGGAGCGTGGTGGACAAGTTTGTATGAG  
 CAACGTCAGGATGTGGAGGACTGGAATCTGTACTGGAGTGCCTCCTCCGGAGGGCGGAATATGTCA  
 ATGTCAAACCCTGGCAGAGGCTCAACCATCACCCAGGGATGACCAATCTCACCAGGAAGGACTGCCTGGC  
 CAAACACCTGGCGCGCATGAGAAGTCGCTATGGTGAAGTCTCTATGAGTTCACACCCCTGACATTCATC  
 ATGCCACTGACTACACCAAGTTTGTGGCCAAGTACTTCAAGGAAAAGCAGGATTTGGGTACCAAGCCAA  
 GCTACTGGATCTGCAAGCCAGCAGAGCTGTCTCGAGGGAGGGGATAATCATTTCAGTGACATCCGAGA  
 CCTCATGTTCAAGGGCACGTATGTAGTACAGAAGTACATCTGTAACCCCTTACTCGTGGGTAGGTACAAA  
 TGGCAGCTCCGCATCTATGTCTGCATCACTGGCTTTAAGCCTTTGACCATTACATGTACCAGGAAGGGT  
 TAGTGGCGTTTGGCCAGGAGAAGTTTATCTCAGGAATTTGGAAGACTATTATCCCATTTGACCAACAG  
 CAGCATCAACAAATTGGGGGCTCGTATCAGAAGATCAAAGAGGTGGTGGGTCAAGGCTGCAAGTGGACC  
 CTCAGCAGGTTCTTCTTACCTCCGCAACTGGGATGTGGATGACCTGTTACTGAGGCAGAAGATCAGCC  
 ACATGGTGATTCTCACAGTCTGGCCATGGCTCCCTCAGTCCCGTCACCTACAACCTGCTCGAGCTTTT  
 TGGATTTGACATCCTTATTGATGATAACCTGAAACCGTGGCTTTTGAAGTCAACTACAACCTGCTTTG  
 ACCTTGGACTGTTCCACGGATGAGTCGGTCAAGAGAAGCCTTGTCCATGATGTTATTGAGCTATTACT  
 TAAACGGCCTCAGAAGTGAGGAGAAAAAGTGTGGGAGAACTTCCAGGAACTCCGTGGTCTCCCTTGC  
 CAGGAGCCATCACCATGAGTTTTGTGCGACCCCAATTCCTTCTCTATGCATCTCTCATAGAGTTTACG  
 ACGGGCAGTAAAAGCGACCCAGCTGTCCAGAACATCTGTCCCAAGCACACTCGAACCTCCAGTTGAGAG  
 AAATGATGAGCAGGCGGGACAGACTTCTGACAAAAGAGGCAGCCAAAAGCAAGCCAAAGGCTTGG  
 GCCTTGCCTCGCAAGATGGTCTTCCCGTATGCGTCTCAGTCACAGCCTCACAAGATGAAGGGGCTGCG  
 GGCGACCTCCCGAAGCTGGAAGCACACCAAACGACCACCGGCAACTTGTCTCATCTTCCCGTTCA  
 ACAAGGCTACTTTCAGAGCCTCCAGGAATGGGTTAAATGTCAAAGAATCATTCAAGAGCTCCAGAAGCT  
 AATGAATAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001098267

**Insert Size:** 1623 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\\_001098267.1](#), [NP\\_001091737.1](#)

**RefSeq Size:** 1623 bp

**RefSeq ORF:** 1623 bp

**Locus ID:** 100216474

**UniProt ID:** [A4Q9E4](#)

**Cytogenetics:** 17 A1

**Gene Summary:** Probable tubulin polyglutamylase that forms polyglutamate side chains on tubulin. Probably acts when complexed with other proteins.[UniProtKB/Swiss-Prot Function]