

Product datasheet for **MC224294**

Trim66 (NM_001170912) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trim66 (NM_001170912) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trim66
Synonyms: Kiaa0298-hp; Tif1d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224294 representing NM_001170912
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAGCCCAGGCCTGCCTGTGAGCATTCCAAGTCAGCCACACTGCTCTACAGATGAACCGTGGAGGCTC
 TGGCACCGACCTGCTCTATGTGTGGACGGACCTACAAGCTGAGGGCTCCCGCTTTTACCGTGCCAACA
 TCTGCTCTGTAAGGATTGCTACCAGGGTTCATGCAGGAGCTAGGGCATGCTACCAGGGTTACCCAGGT
 AAGCTCATCTCCTGCTCGATGTCAGGGTGTCTATCTTACCAGAGATGTAAGTGAACATATTTTCTTC
 AGTGCTTTTCTCCTGTGAAACCCACTATGGCCAGGAAGTCTCTGAGTGAAGGAGAAGCGGGCAGCACA
 CATCCTCTGCACATACTGCAACCGCTGGCTGTGCAGCTCCTGCACAGAGGAGCACCGGCATGTCCCAGCC
 CCGGGGGGCCACTCTTTCACGGGCACAGAAGGGATCCTCAGGGGTGAATGGTGGCTCTGGGGACTTTG
 CCTTGTACTGCCCTCTGCACACACAGGAAGTGCCTAAGCTTTTCTGCGAGACGTGCGATGTAACCTG
 CCACAGCTGCCTGATGGTGGAGCACAAGAGCACAGATGCAGGCACGTGGAAGAAGTTCTACAAAACAG
 AGGATGCTCCTGGAGAGTGTGACTTCCCAGGTGGCACATAAGAAATCCAGCCTACAGACATCTGCAAAGC
 AAATCGAGGACAGAATTTTGAAGTGAAGCATCAGCACCGGAAGGTGGAGAACCAGATTAATTAATGGCCAA
 GATGGTCTCATGAACGAGTTGAACAAGCAAGCCAACGGGCTCATAGAGGAGCTTGAGGGCATCACTAAT
 GAGAGAAAGCGAAAGCTGGAGCAGCAGCTGCAGAGCATCATGGTTCTCAACCGGAGTTTGAACATGTGC
 AGAATTTCACTCAACTGGGCTGTCTGCAGCAAAGCAGCGTCCCTTTCTTTTCAGCAAAGAGCTGATTGT
 GTTTCAGATGCAGCGTTGTGGAGACGAGATGTAACACAGATCCTGGCTCTCCTTGGAGTATCAGATTC
 ACCTGGGAGCCCAACTTCTGGACCAAGCAGCTGGCTTCCCTTGGCTGCATAACCACTGAAGGTGGACAGC
 TGACCCGGGCAGATGCTGCAGCTGCCTTATGGGAGTTTACAGGGGCAGCCATCTTTTTATCAGAGCCA
 CCAGGCCCCCATGGCTCAGCAGGAGGCACTCAGCCACCCCTCACACAAGTTCCAGTCTCCAGCACTGTGT
 TCCTCGTCTGTCTGCTGCTCCACTGCTCTCCAGTCTCGCCTTCCCTCAAAGGTCAAGTCCCTCCACCCA
 GCATCCACCCGGCTCACAGTTTCCGACAGCCTTCTGAAATGGTGGCCCAACAGCTGGGGTCACTGCAGTG
 TTCTACCTGCTGCCAGGGAGAAAGAGCTGGCCTGCAGTCTCATCCACCCAAACTGATGCAGCCCTGG
 TTGAACCACAACCTCCTGCAGAACAGGAGGTACATCCAGCGGCCAGGACCGCAACTGGTTTCCACAGC



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CTGTGTGCATCGTCCCTCCGCAAGATGTGCAGCCAGGAGCCCATGCCAGCCACCATACAGACCCCTC
 CATCCAAGTTCAGCTGGGCCACCATCAGAAGCTAAAGCTCAGCCACTTTCAGCAGCAGCCGCAGCAGCAG
 CCACCCACCACCGCCACCTCCCCACCCCCAGCATGCACCTCCACCCTTGCTCCATCCCAGCACC
 TGGCTTCCAGTCAGCAGAGAGCCCTCCTGGGCTGCCTGTTTCGAGAATGTGGACATTATGCACCACAA
 GTTTGAGCTGGAGGAGATGCAGAAGGACTTGGAGCTTCTCTGCAGGCCAGCAGCCTAGCCTGCAGTTG
 AGTCAGACCAAGTCTCCTCAGCATCTTCAGCAAACCATCGTGGGCAGATCAACTACATCGTGAGGCAGC
 CAGCACCCGTGCAGTCCAGAGCCAGGAGGAGACCCTGCAGGTTACAGAGGAGCCACCAGCACCTGAGGG
 CCCAAAGCCAGCTCTACCTGTTGACAAGAACACTGCTGCTCCCTTGCCCCAGACATCTGGGGAGGAAACG
 CCTCACAGTGTCCCTCCAGTGGATGGCACCTCCAGCACTCTTCTCCAAATGTGGTGAGAAGACACGCCA
 CCTCAGTGAGCATCATGGGCTTTTCCAACACTGTGGAGATGGAGTTGTATCTACCAGGCTGGCGAGGAC
 CATAGAGCCACAGATACACAGGGTGAGCAGCCTGACAGCTGCCCCACCACACAATTCCGAGCTTGCTG
 AGTGGCCACCACAACTGTGTCCAGCCTGATGAGTGTTCAAACCATGCCATGCCAAGCCTGACAGCCA
 GTCACCTGCAGCCGTGCCAACCTTGTGCGTGGCACATTCCAGTCCACGTGCAACCTGAGGGGTGATTC
 CTCTAAGCCATCACAGGCTGGCAAGTAATCACTCACAAGCTGGGCCAGCCTAATGTCTGGGCACACC
 CAGGCTGCGCCGAGTCTGGCCACTTGTCTCTGCAGGGAATGCCACCGTTTCTGATGTGCATGTGGAGC
 CGAGATCCGTATCCAGTCTGGGTCTGGCCAGCTGCAGAAAGCCTGGGTACCAGGGATGGGGCTGAGTC
 CTCCCTGGGGAATGCCTTGTGTAAGATGGAAGTGAGGATTGTACCCGTTTCTCAGACTCAGTAGGACAA
 GGCCCTACAGCCTCCAGTCTGGATGGTCCCAAGGATTTGGCTATTCCTCAGAAGTGGAGGAACCAATTA
 ACCTCTCTGTGAAAAACCTTTCTGGCACCAGTGATCAACACATCCACTGCTCTGCAACAGTACCGGAA
 TCCAAAAGAATATGAGAAATTTGAACAAGGAGCCCTAGAGCTGGATACAAAGGAGAATTCAGACATCAGA
 GCTATCAGTAGTGAGCCCAAGATCCCTACGTGCGACTGGAGCGGCTCAAGATCTGTGCTGCCTCATCAG
 GAGATGTCCTGTGTTAAGCTGAAGCCCCAGAAAAATAGCCAGGACGGAACTCTCCTGGTGATTGA
 GTGTGGCACTGAGTCTCCAGCATGCCATTAAGGTGAGCCAGAACAGCCTGCCTGATGCCAGCCAGGGC
 CCAGGTTTGGGGGAAGAAAGTCACTGTCACATCTGACTGGGCAGCAGCCACAAGAGGTGGAGAGCA
 CATCTGAGGAACACAGACTCATCCCCGAGCTCCAGGAGCCAAGAAGAACACCCCGCCCCCATAGAGAA
 TGAGGACTTCTGTGCGGTGTGCATCAACGGTGGGGAGCTGCTATGCTGTGACCGTGCCCCAAAGTGAT
 CACCTTCTGCCACGTGCCAGCCTTGCTCAGCTTCCCAGGGGAGAATGGGTGTGCACCCTGTGCCGA
 GCCTGACGCAGCCTGAGATGGAGTACGACTGTGAGAACGCGCGTACGGTCACCCTGGAGTGCGGGTACT
 TCCCGGCTGAGCATGTATGACCAGAAGAAGTGTGAGAAGCTGGTCTGCTGCTGCAACAGCCTC
 AGCCTGCCCTTCATGAACCAGTCAGCCCTCTGGCCAGGCATTATTACCAGATTATCAAGAGGCCATGG
 ACCTGTCAATCATCCGGAGGAACTGCAAAAGAAGGACCCAGCTATTACTACTCCAGAGGAAGTGGT
 GTCAGATGTACGCCTCATGTTCTGGAAGTGTGCTAAGTTCAATTATCCTGACTCGGAGGTTGCAGAGGCT
 GGCCGCTGTCTGGAAGTGTCTTTGAAGGCTGGCTAAAGGAGATCTACCCAGACAAATGCTTTGCCAGC
 CCCAGCAAGAGGATTGAGACTCTGAGGACGTATCTGGCGAGAGTGGCTGTTCCACTCCTCAGGGCTTCCC
 ATGGCCTCCCTACATGCAGGAAGGCATCCAGCCCAAGAGGCGACGGCGGCATATGGAGAATGAGAAGACA
 AAGAGAGTGTCTGTTCTGCTGGCCAACAGCATCTCGCAGGTGTGA

AGCGGACCCACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001170912
- Insert Size:** 4035 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).

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| 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_001170912.1</u> , <u>NP_001164383.1</u> |
| RefSeq Size: | 9192 bp |
| RefSeq ORF: | 4035 bp |
| Locus ID: | 330627 |
| Cytogenetics: | 7 57.21 cM |
| Gene Summary: | <p>May function as transcription repressor; The repressive effects are mediated, at least in part, by recruitment of deacetylase activity. May play a role as negative regulator of postmeiotic genes acting through CBX3 complex formation and centromere association.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> |