

## Product datasheet for **MC204006**

### Gtf3c2 (NM\_027901) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf3c2 (NM_027901) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf3c2
Synonyms:	1300004C11Rik; 2610510G03Rik; AI225816; AU041069; mKIAA0011; TFIIC110
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC034369

```

CGGACCGTGGGTCCGGAAGGACTTTGGCGGGGGCAGCCATTTGGGGGTGCTGATGGATACCTGCGG
GGTCGGCTATGTTGCCCTGGGGAGGCCGACCCGTGGGAGCATGATTGTGGTAGACTCTCTGGACAA
GAAGAACAAGCCAGCTGGATGTCAAGGCCTCCTCAGAAACGTCCGGTGTGGAGGCTTCCATCGAGATGT
CACTACCTCCTCCTTTGCCTGGATTGAGGATTCTTCTGACAAGAGGAGGCTTCTCCAGATCAGAAAG
CCTCACCAGGTTGGAACAGCAAGATCTTTCTCAGAGATGTCAAAGGTCTCAAACACTAGGGCCTCAAAG
CCTTCCGGGAGGAGAGGTGGTAGGACAGCAAGAGGCGCTAAAAGGCCTCAGCAACGTAACCTCCATCTA
CCCCTCTGGTTCCTGGTCTTTAGATCAGTCCAACCTCTGTCCACCCCATGCCTAAGAAACGAAGTCA
AAAGTCCAAGGGAGACCTGCTACTATTGAAGTTGTCAAAGGCCTAGATCAGCCAGAGTCTCCACATCCA
AAGAGGCCCCCGAGGACTTTGAGACCCCTTCTGGGAACGACCCCGCCGAAGGGCTGCCAAGTGGCAC
TTCTATACCTTCAGGAAGTACTGAGAGCTCTCCACAGCCCTGCCTGCACCGCCACTGTCTGGTCTAA
GAGTCCCAAGGTGAGCAGCCCAAGCCGAAGAAGACCCGGCAAGCATCCTCTCAGGGTGAAGAAGAC
GGAAGCGCTCGGGATGAAGACTTTGTTCTCAGGTGAGGGTGAAGATGAGGAAGAAAGTGAAGCCCAA
GTGAGAACTCGTCTGATCCGGAGCCTGTTGACCCCGAAGCACCCACGAGGACCTGCTGCAGGGAAACA
GAAACCACATTGCCGGGCATGGCTCCCAATGGCTTACCCAATTACATCATGGCTCCTGTTTGAAGTGC
CTCCACCTACCAAGGACCTCCGAGAACAGCACCATTCTTCTGGGAGTTTGTGAGTGGATTCCGGTAG
CCTGGAAGTGGCAGTTGTTATCTGAACTGAAGCAGCTCCCTACTTGCCCAAGGAGGAGAAGTCTCCCT
GTTTTCTGTACAAAGAGAAGGGATTCTGAGGATGGCACAATCTACCGAATAAACAGATTTAGCTCGATC
ACAGCACATCCAGAGCGCTGGGATGTCTCTTCTCACAGGGGGACCACTCTGGGCTCTGGACTGGTGCC
CAGTGCCTGAAGGTGAGCAGCTTACAGTATGTGGCCCTTTCTCCAGCCCTGACATGAATGAGACACA
CCCCTGAGCCAGCTTCTCAGGCCCTGGGCTGCTGCAGCTCTGGGGTCTTGGGACATTGCAGCAAGAA
AGCTGTCTGGCAATAGGGCCACTTTGTCTATGGGATTGCTTGTGACAGTGGCTGTATCTGGGACCTCA
AGTTCTGCCCCAGTGGGGCATGGGAACATCCAGAAACCTTCGGAAGGCTCCTCTCCTGCCTCGCTGGG
TCTCTGGCTCTGGCCTGCTCAGATGGGAAGGTAAGTCTTCTCAGCCTGCCGCATCTGAGGCCCTCTG
GCACAGCAGCCTCCAGATGCTATGAAGCCTGCCATCTACAAGTCCAGTGTGGCAACTCTCAGGTAG
GGTCTGTGCAAGCTTCAGACCCCTGAGTGTGGTCAAGTGCCTTAGCCTGGCTTGGATGCCTACCAGACC
TCACCACCACCTGGCTGCTGGTACTATAATGGCATGGTAGTTTTCTGGAATCTTCCCACTAACTACCC

```



[View online »](#)

```

CTCCAAAGGATACGGCTCTCTGATGGCTCCTTAAAGCTCTATCCCTTCCAGTGTTTCCTAGCCCATGACC
AGGCTGTCCGTACAATTCAGTGGTGCAAAGCTAACAGTCATTTCTGGTGTCTGCGGGGAGTGACCGGAA
AATCAAATTCGGGATCTTCGACGACCTTATGAACCAATAAACTGTATCAAGCGCTTCTTGAGTACAGAG
CTTTCCTGGCTGCTCCCTATAATGGTGTACAGTGGCTCAAGACAACCTGTTATGCCTCTTACGGGCTCT
GTGGAATTCATTACATTGATGCCGGTTACCTCGGTTTTAAGGCCTACTTTACTGCTCCGGAAGGACAC
TGCTGGAGTCTTTCAGGTTTCAGACTGGCTTGGGACAGTAGCTGCAGGAGATATATCTGGGGAGCTCATT
GCAGCTATTTTACTTGTATGGCATCAAATCCAATCAATGTCAAGAAACCTGCAGAAAGACGATTTCCCTA
TATATAAAGCAGATTTGATACCATACCAGGACAGCCCGAAGACCAAGACTACTCCTCGACTTCCCTCTGA
GACCCCAATCCTCCCAAAGCAAGAACCCTACACTGAAACCATCAACCATCACTACTTGCTCTTCAAGAT
ACAGATCTGAGTTCCTTCCACAATCTGCTTCGTAGAGAACCAATGCTTCGCATGCAGGAAGGAGAGGGAC
ATTCTCAGCTTTGCCTGGACAGGCTGCAACTTGAAGCTATTCACAAGGTACGCTTCAGCCCAAACCTGGA
CTCCTATGGATGGCTGGTATCTGGGGGGCAGTCAGGGTTGGTTCGGATCCATTTTGTTCGTGGACTCACC
TCTCCGCTGGCCACCGTGTACAGCTTGAAGCCGAGCCAACCTCAATGTATGTTCCAACCGTCTTTTC
CAACTGAAGGGCCTGGTTTCTCTCCAAGCAGCCATTGCCTTCTCCCAATCCCTAGTCTGGGCCACACAG
AACTCTTGGATTGAAGTCTGCCAAGAACAATGGCGCCCATGCATAGAGCATAGCACCTGGGCCCTTCTCT
GGACAGTGATGGTGCCAGGCCTAAATCTTTAGGCCTACATGCCCAAACCTCTTAAATCCCTCTCCTTCC
ACAGACTTCTATGGTCACAGCTCCCTGCAGGTAGGGGGGCTCCCCCTCCACAACAATTCCTATGCCTAAA
ACCATGGCTCACAAAGAAACACTCAGGCCAAACCTAGGCTTGGGAGTCAAATTGCTCATATTGAGCATATT
GTGAAGGAGGTAAGCTAAGTAAAGGTAAGTACTGGGTGTTTTTGGAGAGCACTTGTGAGTGGGTGTTTGGACAG
TCGAAAGGATATCTTCAAGGCTCCTGTCTATTTCCAGAATTCGATGTTATTGCCTCCGATCTCCC
TCATTAGAATAACCAACACACAGGCCGATGGTAGGGACAGTAATTTATTGGACTGAAGCTGCTCATAAC
TTAACTTTAACTGAGGAACAACATAAGCACCCCTGCCAGTAGGACAGCAGTAGTTCGTGTTTCTGCTTAT
GAAATATTCCCAATCACTGACATATGACTACTTGAACACTCCTAGATAGTGTTTTTTAAATTTTTTGA
GCTGAGTATAGTGGTGACATACCTGTAATCCAGCACTTAGGAGGCCGAGGCAAGAGGATCACAAGTTTGC
ATTCAGTCTGGGCTATCTCATAAAACCAAAAAGTAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA

```

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_027901
- Insert Size:** 2730 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:** [BC034369](#), [AAH34369](#)
- RefSeq Size:** 3560 bp
- RefSeq ORF:** 2730 bp

**Locus ID:** 71752

**UniProt ID:** [Q8BL74](#)

**Cytogenetics:** 5 B1

**Gene Summary:** Required for RNA polymerase III-mediated transcription. Component of TFIIC that initiates transcription complex assembly on tRNA and is required for transcription of 5S rRNA and other stable nuclear and cytoplasmic RNAs. May play a direct role in stabilizing interactions of TFIIC2 with TFIIC1 (By similarity).[UniProtKB/Swiss-Prot Function]