

Product datasheet for **MC228140**

Gtf3c5 (NM_001290484) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf3c5 (NM_001290484) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf3c5
Synonyms:	2700084A09Rik; TFiiiC2-63; TFIIIC63
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228140 representing NM_001290484
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGAGCCGGATGCGGACCCGAAGGCCGCCATCCCTGTGGACCTGCGGCGGGAACGGCGCT
 TGGTGTGCGTGGAGTACCCGGGCGTAGTACGTAACGAGGCCAAGATGCTACAGACCCTGGGCGGCGAGGA
 AAGCGTCTCTCGAATCTACACTGACCCTACCAAGAGGCTCGAACTCTACTTCCGGCCCAAGGACCATAC
 TGCCACCCTGTGTGCTAACCGTTTCAGTACCAGCAGCCTGCTGCTCCGGATCCGAAAAGAACAAGGC
 GTCGGAGAGGTGCTCTGGGAGACGAGGCCACCCCAAGTCACGTTCACTTGGAGATCATTGGCATCAT
 CTCCACAATTTACAAATTCAGGGAATGTCTGACTTCCAGTACTTGGCAGTGCACACAGAAGCTGGTGGC
 AAGCATGTTTCCATGTATGACAGAGTGTCTATGCGCAAGCCTGAGAAGGAGGAGTTCTTCCATCAGGAGC
 TACCCTCTACATCCCCCACCATCTTCTCCAGGCTGGACCCCTGTGGACTATTTCTATCGCCCTGA
 GACACAGCACCGAGAAGGCTATCATAATCCCACCATCTCAGGGGAGAACCTGATTGGACTGAGTAGAGCC
 CGGCGCCCCACAACGCCATCTTTGTCAACTTTGAGGACACTGAGGTTCCCTGAACAGCCTTTGGAGGCTG
 CAGTCCAGACATGGAAGAAGGCCTGCACCAATCCCATAGATCAGAAGGTGGAAGAGGAGCTGAGGAAGCT
 CTTTGACATCCGTCTGTTTGGTACGAAATGCTGTCAAGTCTAACGTCAGTGTCCATCCTGACAAGCTT
 AAGATCTTGCTCCCTATATGGCTTATTACATGATAACAGGCCGTGGAGAAGCTTGTGGATTCCGATTTG
 GCTATGACCCTCGAAAACACCCAGATGCCAAGATTTATCAAGTCCTTGATTTTCGAATCCGCTGTGGAA
 GAAATACGGTTATGGCTCCAGGGACATGCCTGTTAAAGCGAAGCGTAGCACGTACAACACTACAGCCTGCC
 ATCACCGTCAAGAAGACATCCAACAGCCTGGCACCATGCATGACCTGAAGCAGGGCCTGGGCCCATCAG
 GAACTGATGGCCACGGAAATTTGACCTACAATAAATAACAACCTCAAGGATTCGGTCTACATCTTCCGGGA
 AGGGGCTCTGCCACCCTATCGACAGATGTTCTACCAGCTGTGATTTGAATGTGGAGGAGTTTCAGAAA
 ATTGTTACCCGAAACGATGGGACAGAGACTGTGTGCACAGAGAGAGATGGGTGGTGCCTCCCAAGACCA
 CAGATCACCTGAGAGACACCATGTCACTCATGATTCTACAGACCATCCGCTCTGAGAGGCCTGCTTTTT
 CTCCAACACAGGTAAGGCTGATCGTGGGAAAGAGCAGCTGATGTTTGAATCTGGAGAGGAAGAGGAGGAG
 GAGGAGGAAGAGGAGGAAGAGGAGGAGGAGGATTTCAAGCCCTCAGATGGGAGCGAGAATGAGATGGAGA
 CAGAGATTCTGGATTACGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001290484

Insert Size: 1563 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001290484.1, NP_001277413.1</u>
RefSeq Size:	2823 bp
RefSeq ORF:	1563 bp
Locus ID:	70239
UniProt ID:	<u>Q8R2T8</u>
Cytogenetics:	2 A3
Gene Summary:	<p>Involved in RNA polymerase III-mediated transcription. Integral, tightly associated component of the DNA-binding TFIIIC2 subcomplex that directly binds tRNA and virus-associated RNA promoters (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>