

Product datasheet for **MC225168**

Gtf3c1 (NM_207239) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf3c1 (NM_207239) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf3c1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225168 representing NM_207239 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGCGCTCGAGTCGTTGTTGGACGAGGTGGCCCTGGAGGGGCTCGACGGCCTGTGCCTGCCCGCGC
TGTGGAGCCGCTGGAATCCCGCTCGCCTGCCTTCCCATTGCCTCTGGAACCTACACGCAGGAGTTTTT
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TGGAGGATGTCTACCCATTACATGATCTTAGAGAACAAGGATGGCATCCAGGGCTCCTGCCGATACTT
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AGCTGCCGCTGAGGAGAGGTCCCGCAGAAGCTCCGCTTGTAGGGATGGCCTGGACACCAGCAGCTCGTCT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_207239
Insert Size:	6306 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_207239.1, NP_997122.1</u>
RefSeq Size:	6891 bp
RefSeq ORF:	6306 bp
Locus ID:	233863
UniProt ID:	<u>Q8K284</u>

Cytogenetics: 7 69.01 cM

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. Binds to the box B promoter element (By similarity).[UniProtKB/Swiss-Prot Function]