

Product datasheet for **MC204444**

Gtf3a (NM_025652) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf3a (NM_025652) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf3a
Synonyms:	2010015D03Rik; 2610111I01Rik; 5330403M05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC032292 CCACGCGTCCGCCTTCATCAGAGACTACCATCTGAGCCGGCATGTCTGATTCACACCGGGGAAAAGCCG TTTGTGGTGCAGATGATGGCTGTAATCAGAAATTC AACACAAAAATCAAACCTGAAGAAACACATTGAAC GCAAACATGGAAACCCACAAAAACAGTATGTGTGCAAGTTATGAGGGTTGCAAGAAGGCCTTTAAGAAGCA CCAGCAGCTGAGAACCCATCAGTGCCAGCACACCAGCGAGCCACTCTTCAGGTGTACCCACGAGGGATGC GGGAAGCACTTTGCCTCGCCAGCAGGCTGAAACGGCATGGGAAAGTTCACGAGGGCTACCTGTGTCAAA AGGGATGTTCTTTCATGGGAAAAACGTGGACAGAGCTTCTGAAACACATGAGAGAAGCCATAAAGAGGA CATAACCTGCAACGTATGTCAGAGGATGTTCAAGCGCAGAGATTACCTTAAGCAGCACATGAAGACTCAC GCCCGGAAAGGGATGTGTACCGCTGTCCGCGCAAGGCTGCGGAAGAACCTACACAACCGTGTTCACCC TGCAGAGCCACATTCTCTCCTTCCACGAGGAAAAGCGCCCATTTGTGTGTGAGCAGCTGGCTGTGGCAA GACATTGCAATGAAACAGAGTCTCATGAGGCACAGTGTCTGTCACGATCCCGACAAGAAGAGGATGAAG CTCAAAGTAAGAGCCCTCGGGAGAGACGAGCTTGGCCTCTCGCCTCAGTGGGTAATCCCTCCTAAGA GGAAACAAGAGCCCGACTACTCCTTGCCTAACGCCAGCGCAGAGTCCAGCAGCAGTCCAGAGGCCAGCT GCCCGCGCCAGCCACCTTACTACTGTCTGCTAGGCGGGAAGACTTCAGGGCGGCCGCGCAGAGGCTCCTG GCCTGCACTTTTCTATTAAGTCACTGACACACAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025652
Insert Size:	510 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).



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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:	BC032292 , AAH32292
RefSeq Size:	996 bp
RefSeq ORF:	510 bp
Locus ID:	66596
UniProt ID:	Q8VHT7
Cytogenetics:	5 G3
Gene Summary:	The product of this gene is a zinc finger protein with nine Cis[2]-His[2] zinc finger domains. It functions as an RNA polymerase III transcription factor to induce transcription of the 5S rRNA genes. The protein binds to a 50 bp internal promoter in the 5S genes called the internal control region (ICR), and nucleates formation of a stable preinitiation complex. This complex recruits the TFIIC and TFIIIB transcription factors and RNA polymerase III to form the complete transcription complex. The protein is thought to be translated using a non-AUG translation initiation site in mammals based on sequence analysis, protein homology, and the size of the purified protein. [provided by RefSeq, Jul 2008]