

Product datasheet for **MC216329**

Gtf2a1l (NM_023630) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2a1l (NM_023630) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2a1l
Synonyms:	1700011N16Rik; Alf; Gtf2a1lf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC216329 representing NM_023630
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTTCATCAACCTGGTGCCAACTCTACCAGTCTGTAATTGAAGATGTCATCGAGGGCGTGC
 ACCTGTTTCTGAGGAAGGCATCGAGGAGCAGGTGTTGAAAGACCTGAAGAAGCTCTGGAAACCAAAGT
 GTTACAATCTAAAGCCACAGAGGACTTCTTCAGAAACAGCACGCAGGTGCCTCTTCTCACTCTCCAGCTG
 CCTCATGCCTTACCACCAGCCCTGCAGCCCGAAGCATCGCTGCTGATCCCAGCTGGTAGAACTCTGCCGA
 GTTTTACGCCGAAGACCTGAACACCGCAACTGTGGTGCAAACCTTTCCTTTGCTGGCTATCCGATCCA
 CGTCCCAGCAGGCATGGCCTTCCAGACGGCATCTGGTCACCTTTACAAAGTCAATGTACCAGTCTGGTG
 ACACAGACTTCTGGGAGAACAGAAATCTCCAGCATCCATTTAGCAAGTCTTCCAGCAGCTCGGGCAGC
 CTTTAGTAATACAGACCACTGTTCCAACATTGCACCCATGTTCTCTTCAAGCAGCAACTGAGAAATCCCT
 CAGAATGGAAGCTGTGCTGCAGCCACTCCATTCTGCATCCTCTCCAGTGGACAGGACACATGTAGAA
 AATGCTGCGAGGCACAGGCGCCTTCTCCCGGAAATGAGCTGAGGCCGCAGGAAAGCTCTCCATACCTCA
 GCCTTCCCGGTGTGGGCTTCTCCTCAGGCCGCTCTGACAGAGTCTAGCCTGGAGCCAGTGCTTGGTGT
 CTCAGCGAGCCTGACTCAGAATCTGCACAGTGACCCTTCTCACAGGGCCCCCAGGCCCTCTCCACCAC
 CACTTGCTAGAGTACAGCTTCAAAGCCTTAAAGACAGTATATATGGATGCGACTCCACAAAGCAACTGA
 GAAAAGCAGAGGAGCCAGCAGCCTCCGTGTGTGACAGAGAAGTGTACTTCAGAGAGGGATCTGAATAT
 TCGGGTAACCGATGATGATTAATGAAATAATCCAAATAGATGGAACCGGCGATAACTCTTCTACTGAA
 GAGATGGGAAGTATAAGGGATGCAGATGAGAATGAATCCAGGGATCATTGATGCCGGCAGCTCAATG
 TGCTTGAAGAAGTGGACAGCGTATCGAATGAAGATTCAACTGCAATAGCAGCGACAACGAGGACCATCA
 AATAAATGCCCCAGAAGAGGATCCCTAAATTCGGCGATGATGTCAGTGAAGCAGGATGTGCCAGACCTG
 TTTGATACAGAGAATGTAATTGTCTGTGATGATAAGATCCACCGAGCAAGAACAGATGGAAATTTCT
 ACTTGAAGATGGTGTGCTGCTTTGGAGGGAGAGACTACGTATTTGCCAAAGCCATTGGTGAAGCTGA
 GTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023630
- Insert Size:** 1407 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:	NM_023630.2 , NP_076119.2
RefSeq Size:	1619 bp
RefSeq ORF:	1407 bp
Locus ID:	71828
UniProt ID:	Q8R4I4
Cytogenetics:	17 E4
Gene Summary:	May function as a testis specific transcription factor. Binds DNA in conjunction with GTF2A2 and TBP (the TATA-binding protein) and together with GTF2A2, allows mRNA transcription. [UniProtKB/Swiss-Prot Function]