

## Product datasheet for **RN205731**

### **Gtf2a1l (NM\_001012136) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gtf2a1l (NM_001012136) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2a1l
Synonyms:	Gtf2a1lf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205731 representing NM\_001012136  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCTTCGTC AACCTGGTGCCAACTCTACCGATCTGTAATTGAAGACGTAATCGAGGGTGTGCGGG  
 ACCTCTTTGCTGAGGAAGGCATCGAGGAGCAGGTGTTGAAAGACCTGAAGAAGCTCTGGAAACCAAAGT  
 TTTACAATCTAAAGCGACAGAGGACTTCTTCAGAAATAGTGTGCAGGCGCCCTTTTACCCCTCCAGCTG  
 CCACATGGCTTACCGCCAGCACTGCAATCAACAGCATCGTTGCTGATCCCGGCTGGTAGAACCTCCAGA  
 GTTTTACGCCAGAAGACCTGAATGCCAGCTGTGCAGCAAACCTTCGCCTTCTCGGCTATCCGATTCACGT  
 CCCAGCAGGCATGGCCCTCCAGACGGCGTCCGGTACCTTTACAAAGTCAATGTACCAGTCGTGGTACA  
 CAGACTTCAGGGAGAGCAGAGATTCTCCAGCATCCGTTTCAGCAAGTCTTCAGCAGCTTGGGCAGCCTT  
 CAATAATACAGACCACGGTTCCAACATTGCACCCATGCTCTCTTCAAGCCGAAACTGAGAAATCACACAG  
 AATGGAGACTGCGCTGCAACAGCCTACCGTTCTGCATTCCACTCCAGTGGACAGGAAACACACAGAAAAT  
 GCTACCAGCGAGAGGCGTGTCTCCCTGGGAATGAGCTTCGGCCCGAGGAAAGCACTCAGTACATCAGCC  
 TTCCAGGTGTGGGGTTTCTCCTCAGGTCGCTCTAACAGAGTCTAGCCTGGAGCCAGTGCTCGGTGCCTC  
 AGCAAACCTGACTCAGAACTACATGGTGGTCTTTTACACAGGGCCCTCCGGGCACTCTCCGCCACCAC  
 GTGCTTGACACACAGCTTCATAGCCTTAGAGACAGGATATATGGATGTGATTCTGTAAAGCAACTGAGGA  
 AAATAGAGGAGCCAGCAGCCTCCGTGTGTGAGAGAAGAGTTGTACTTCTGAGAGGGATCTGAATATTCA  
 GGTAACCGATGATGATATTAATGAAATAATTCAAATAGATGGAACCGCGATAACTCTTCTGCTGAAGAG  
 GGGGAAGCATAAGGGATGCAGATGAGAATGAATTTCCAGGGATCATTGAAGCCGGCGACCTTAAGGTAC  
 TTGAGGAAGAAGTGGACAGCGTATCAAATGAAGATTCAACTGCAAACAGCAGTGACAACAGGACCATCA  
 AATAGACGCCCTAGAAGAGGATCCCTAAATTCGGAGATGATGTCAGTGAGCAGGACGGCCAGACCTG  
 TTTGACACAGATAATGTAATTGTCTGTGATGATAAGATTACCGGAGTAAGAACAGATGAAAATTCT  
 ACTTGAAGATGGAGTCATGTGCTTTGGAGGGAGAGACTATGTGTTTGAAGGCCATTGGTGAAGCCGA  
 GTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012136
- 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.

RefSeq: NM\_001012136.1, NP\_001012136.1  
RefSeq Size: 1602 bp  
RefSeq ORF: 1407 bp  
Locus ID: 316711  
Cytogenetics: 6q12