

## Product datasheet for **RN207197**

### **Gtf2b (NM\_031041) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2b (NM_031041) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207197 representing NM_031041 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCGTCGACCAGCCGTTTGGATGCTCTCCCACGAGTCACATGTCCAATCATCCAGATGCGATTTTAG  
TTGAGGACTACAGAGCTGGCGACATGATCTGTCCCGAATGCGGCCTAGTTGTAGGGGACCGGTTATTGA  
TGTGGGCTCTGAATGGAGAAGCTTTCAGCAATGACAAAGCAACGAAAGACCCATCTCGAGTTGGAGACTCT  
CAGAATCCTCTTCTGAGTGATGGAGATTTGTCCACCATGATTGGCAAGGGTACAGGAGCGCAAGTTTTG  
ATGAATTTGGCAATTCTAAGTATCAGAACCGGAGAACAATGAGCAGCTCTGATAGAGCTATGATGAACGC  
ATTCAAGGAGATCAGACCATGGCAGACAGAATCAACCTCCCACGCAATATAGTTGATCGAACAATAAT  
TTATTTCAAGCAAGTATATGAGCAGAAGAGCCTGAAGGGAAGAGCTAATGATGCGATAGCTTCTGCTTGT  
TGTACATCGCTTGTAGACAAGAAGGCGTCCCAGGACATTTAAAGAAATATGTGCTGTGTCTCGAATCTC  
TAAGAAAGAAATGGCCGTTGTTTTAACTGATTTTGAAAGCTTTGGAGACGAGCGTGGATCTGATCACA  
ACTGGGGACTTTCATGTCCAGTTCTGCTCCAACCTTTGCCTCCCCAAGCAAGTGCAGATGGCAGCTACAC  
ACATAGCCCGCAAGGCTGTGGAGCTGGACTTGGTTCTTGGCAGGAGTCTATCTCTGTGGCGGCAGCAGC  
TATTTACATGGCCTCCCAGGCTTCAGCTGAGAAGCGAACACAGAAAGAAATCGGGGATATTGCTGGTGTT  
GCTGATGTTACAATCCGACAGTCTACAGACTGATCTACCCTCGGGCTCCAGATCTTCCCTTCAGACT  
TCAAGTTTGACACCCAGTGGACAAATTACCCAGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_031041
Insert Size:	951 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_031041.1</a></u> , <u><a href="#">NP_112303.1</a></u>
<b>RefSeq Size:</b>	1227 bp
<b>RefSeq ORF:</b>	951 bp
<b>Locus ID:</b>	81673
<b>UniProt ID:</b>	<u><a href="#">P62916</a></u>
<b>Cytogenetics:</b>	2q44
<b>Gene Summary:</b>	putative subunit of RNA polymerase II [RGD, Feb 2006]