

Product datasheet for **RN201688**

Gtf2f1 (NM_001007711) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2f1 (NM_001007711) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2f1
Synonyms:	MGC94148
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201688 representing NM_001007711
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTCTAGGCTCCAGCAGCCAGAATGTCTACTGAGTACGTCGTCCGAGTCCCCAAGAACACAGCCA
 AAAGATACAACATAATGGCTTTTAAATGCAGCTGATAAAGTCAACTTTGCTACCTGGAACAGGCACGGCT
 GGAGCGAGATCTGAGCAACAAGAAGATCTACCAGGAAGAGGAGATGCCAGAGTCTGGTGCAGGAAGTGAA
 TTCAACCGCAAGCTCAGGGAGGAGGCTCGCCGGAAGAAGTATGGCATCGTCTGAAGGAGTTCGGCCTG
 AGGACCAGCCCTGGTACTCCGTGTCAATGGCAAATCGGGGAGGAAGTTCAAGGGCATCAAGAAAGGCGG
 GGTAACAGAGAACACGGCCTACTACATCTTACACAGTGTGCGGATGGCGCCTTCGAGGCCTTCCCTGTG
 CAGAACTGGTACAATTTACACCCGCTGGCCGACACCGCACACTGACTGCTGAGGAAGCTGAGGAGGAAT
 GGGAGAGGAGGAACAAGTCTGAACACTTCAGCATCATGCAGCAGCGGCGACTCAAGGACCAGGACCA
 GGATGAAGATGAGGAGGAGAAGGAGAAGCGCAGCCGTAAGAAGCCTAGTGAAGTCCGATTCATGACCTG
 GAAGATGACCTGGAAATGTCATCCGATGCCAGTATGCCAGTGGAGAAGAGGGCAGCAGAGCCTCCAAGG
 CTAAGAAAAAGGCCAGTGACCAAGGCAGGCAGGAAGAAGAAAAAGAAAGGGCTCAGATGATGAGGC
 CTTTGAGGACAGTGTGACGGGGACTTTGAGGGCCAGGAGGTAGACTACATGTCTGACGGCTCCAGCAGC
 TCACCGGATGAGGAGAGGGCAAGCCAAAGTGCAGCAGGAGGATGGCCCAAGGGTGTGGACGAAC
 AGAGTGAGAGCAGTGAGGAGAGTGAGGAGGAGAAGCCCCGAGGAGGACAAGGAGGAGGAGGAAGAGAA
 GAAGGCCCTACCCACAAGAGAAGAAACGCAGGAAAGACAGCAGTGTACTCAGACAGCTCAGAAGAG
 AGCGACATTGACAGTGAGACCTCTCTGCGCTTTCATGGCGAAGAAGAAGACACCCCAAGAGGGAGC
 GGAAGCCATCCGGGGAAAGTTCAAAGGGCACCCAGCCGCGCAAGTCCAGTGCAGAGCGGCAAGCAGC
 CTCTTCTACCTGCGGGCCGCGCCAGCAAGCTGGAACAGGGGAAGCGGACAAGTGAAGTCCAGCAGCC
 AAGCGCCTTCGGATGGACACAGGTCCCCAGAGCCTGTCTGGGAAGTCCACGCCAGCAGCGGTGATGTCC
 AGGTGACAGAGGATGCTGTGCGCCGCTACTGACCCGGAAGCCATGACCACGAAGGACCTGCTGAAGAA
 GTTCCAGACCAAGAAGACGGGGCTGAGCAGCGAGCAGACAGTGAATGTGCTGGCGCAGATTCTCAAGCGC
 CTCAACCTGAGCGCAAGATGATTGGGGACAAGATGCACCTTCCCTCAAAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001007711

Insert Size: 1527 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_001007711.1](#), [NP_001007712.1](#)

RefSeq Size: 1706 bp

RefSeq ORF: 1527 bp

Locus ID: 316123

UniProt ID: [Q6AY96](#)

Cytogenetics: 9q12

Gene Summary: TFIIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIIB. It promotes transcription elongation (By similarity).[UniProtKB/Swiss-Prot Function]