

## Product datasheet for **RN207848**

### **Tfap2b (NM\_001106896) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tfap2b (NM_001106896) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tfap2b
Synonyms:	Tcfap2b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207848 representing NM\_001106896  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCACTCACCTCCTAGAGACCAGGCTGCCATCATGCTCTGGAACTCGTGGAGAATGTCAAGTACGAAG  
 ACATCTATGAGGACCGGCACGATGGCGTCCCAAGCCATAGCTCGAGACTCTCTCAGCTGGGCTCTGTGTC  
 TCAAGGACCTTACTCGAGCGCCCCGCCGCTGTCCACACGCCATCATCGACTTCCAGCCACCCTACTTC  
 CCGCCCCCTACCAGCCGCTACCCTACCACAAAGTCAAGACCCGTACTCCACGTCAACGATCCCTACT  
 CCCTGAACCTCTGCATCAGCCACGACGCCGTTGGGGCAACGACAACGCCAAGAAGTGGGTTCAGA  
 AGCCGGCTCTCTGCCCCAGCCCCGGGACGCTTCCCCAGCTCTCCGGCCTTGACCCAGAAGGGAC  
 TACCACTCTGTCCGCCGGACGCTGTGCTGCATTCCGCACACCACGGCTGGACGCCGGCATGGGCG  
 ACAGCCTCTATTGCACGGCCTTGGGCATCCCGCATGGAAGACGTGCAGTCAGTTGAAGATGCCAATAA  
 CAGCGCATGAACCTATTGGACCAGTCAGTCATTAATAAAGTTCTGTCCCTCCCAAATCTGTGACTTCT  
 CTAATGATGAATAAAGATGGCTTCTTGGGAGGAATGTCAGTCAACACCGGCGAGGATTTTGTCTAGTCC  
 CAGGCCGTTATCTCTACTCAGTTCAACTTCCAAGTACAAAGTACTGTGGGCGAAGTTCAGAGAAGGCT  
 CTCGCCCCCTGAATGCCTCAATGCGTCTCTCTGGGCGGCTCCTCAGAAGAGCCAAATCGAAAAATGGG  
 GGGAGATCCTTGAGAGAAAGGCTAGAAAAATCGGTTTGAATTTACCGCGGGCAGGCGCAAAGCAGCAA  
 ATGTCACGTTACTCACCTCCCTGGTAGAAGGGGAAGCGGTTCACTTAGCTCGGGATTTGGGTATATTTG  
 TGAAACAGAGTTCCCTGCTAAAGCCGTATCTGAGTATTGAACAGACAGCACACGGACCCCAAGTATCTG  
 CACTCCAGAAAGAATATGCTGCTGGCCACCAAGCAACTTGTAAAGAATTTACGGATCTGCTGCCTCAGG  
 ACCGGACACCGATCGAAACAGCCGGCCAGCCCATCCTGGAGCCGGGCATCCAAAGCTGTCTCACGCA  
 CTTCAGTCTCATCACGCACGGCTTCGGTCCCGGCCATTTGCGCTGCGCTCACCGCCCTGCAGAACTAT  
 CTCACCGAGGCTCTAAAGGCATGGACAAGATGTTCTTGAACAACACCCTAACAGGCACACGTCTGGG  
 AAGGCCAGGGCAACGCGCCCCACGCGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001106896

**Insert Size:** 1362 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\_001106896.2, NP\_001100366.2  
RefSeq Size: 3416 bp  
RefSeq ORF: 1362 bp  
Locus ID: 301285  
Cytogenetics: 9q13