

## Product datasheet for **MC206465**

### **Tcfap2c (BC003778) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tcfap2c (BC003778) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcfap2c
Synonyms:	AA409384; Ap-2.2; AP2gamma; Stra2; Tcfap2c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC003778  
 CCGACGCGTCCGCCACGCGTCCGCCACGCGTCCGCCCGATTGTGGATTTACCGCTCGGGGGTGGG  
 GGAGCCTGGATTTAACTGGCGACTATTTGGGGGACGCCGACGCCATGTTGTGGAAAATAACAGATAAT  
 GTCAAGTATGAAGAGGATTGCGAGGATCGCCACGACTCGAGCAGTAAATGGCAACCCTCGCATCCCTCACC  
 TCTCCTCTCCCGACAACATCTCTACAGTCCCAGCGCCCTCTCTCGCACACCGGGTTCAGAGTACCA  
 GCCGCCTCTTACTTCCCGCCGCTTACCAGCAGCTGGCATACTCGCAGTCCGCCGACCATTACTCGCAT  
 CTGGGAGAGGCTTACGCTGCCGCCATGAACCCCTGCACCAGCTCGCGCCACCGCCAGCCAGCAACAGG  
 CCTGGCCGGTTCGACAGAGTACAGAGGGCTTAGCCTGGCTCGCACACAGCCGCTCTGCAAGTCTAAT  
 ACCCCATATTTACAGGGCTGGAGGGGGCTCGGTGAGCGCCCGCGGAAGTCTACCGCGTCCGACCTG  
 CTGCTGCCTCACGCGCACGCCCTGGAAGCCGGCTGGCTGAGAACCTGGGGTGCACGAGATGGCTCACC  
 CCATAGAGGAGGTGCAGAATGTGGACGACGCGCACTTGTCTCTACACGATCAGACTGTCATTGCAAAGG  
 ACCCATTTGATGACCAAGAACCCTTTGGGGCTCCCTTGCAGAAGGACCTGGTGGGAGTGGTCATGAAC  
 CCCAGTGAGGTCTTCTGCTCAGTCCCTGGAAGACTGTCCCTGCTCAGCTCCACGTCGAAGTACAAAGTAA  
 CTGTGGCTGAGGTACAGAGGCGACTGTACCACCGGAATGCCTAACGCCCTCGCTCTGGGAGGTGTGCT  
 CAGAAGAGCAAAGTCAAAAATGGAGGCCGGTCTTGGAGGAGAAGTTGGACAAAATTGGATTGAACCTT  
 CCGGCCGGGAGACGGAAAGCTGCCACGCTCACTCTCTCACGCTCTCTGGAAGGTGAAGCCGTCACC  
 TAGCACGGGACTTTGCCTATGTCTGCGAAGCTGAGTTCCTAGTAAAGCGGTGGCTGACTATTTAACGAG  
 ACCACATCTTGGGGGACGGAATGAGATGGCCACGCGGAAGAGTATGTTGTTGGCTGCACAGCAGGTGTGC  
 AAGGAGTTCAGTACCTTCTCCATCAAGATCGGACACCCAACGGGAACAACAGGCCCGCCAGGTCTTGG  
 AGCCGAACATAAAAACTGTTTGTCTCATTTCAGCCTGATAACTCATGGCTTTGGCAGCCAGGCCATCTG  
 TGCGGCGGTCTCCGAGTGCAGAATTATCAAGGAGGCTCTAATCGCCATCGATAAGTCTACATGAAC  
 CCGGGGACCAGAGTCCGGCTGATTCCAGCAAGACGATGGAGAAAATGAAAAGCACAGGAAGTAAATG  
 GCTGCAAGGAGGCCAGAGAGCAGAAGGAGAGACCCAGGCCCTCACTGGGGCAGCCCGGGAAGTGTCC  
 AGAGCAGCAGCAGCAGCAGGGAAGCAGTTACAACCCCGCCACACACACTCTGGACCTGC  
 CCTCTTGAGTCTTTGTACTTTTCCATTTAACCTGGACATGCTATCCTGAAGCCTTGGTTTGGTTC  
 TTTTATTCATTAACATGTGTGTTTTTTTTTTTTTAAATCCGTTCCCTCTCTTGAAGGTGCTACGAGTT  
 TTAGAACCCTTTGTAAGAACTCCCTGGGCAGACAAGAACTCCACGCTTAGCTGCTAACACAGCAGGTGC  
 ATGGGAGTCGTCAGATAAAGGGATCGATCAATCAACTATTTCTTTTTCAGTGTAAAGATAATAGCTG  
 GCTTTTATGTCCACTAAAATATTTATCTAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC003778

**Insert Size:** 1350 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: [BC003778](#), [AAH03778](#)

RefSeq Size: 1933 bp

RefSeq ORF: 1350 bp

Locus ID: 21420

Cytogenetics: 2 H3

**Gene Summary:** Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC.[UniProtKB/Swiss-Prot Function]