

## Product datasheet for **RR210542**

### **Tfap2c (NM\_201420) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tfap2c (NM_201420) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tfap2c
Synonyms:	AP2-gamma; Tcfap2c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR210542 representing NM\_201420  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTGTGAAAAATAACAGATAATGTCAAGTATGAAGAGGATTGCGAGGATCGCCACGACGCGAGCAGTA  
 ATGGGAACCCCTCGCATCCCTCACCTCTCATCTGCGGGACAGCATCTCTACAGTCCCGCGCCCTCTCTC  
 GCACACCGGGTTGCAGAGTACCAGCGCCTCCTTACTTCCCGCCGCCCTACCAGCAGTTGGCATACTCG  
 CAATCCGCGGATCATTACTCGCACTTGGGAGAGGCTTACGCTGCCGCCATCAACCCCTTGACCAGCCTG  
 CGCCACCGGCGAGCCAGCAACAGGCCTGGCCAGGTCGACAGAGTCAGGAGGGCTCTAGCCTGGCTTCGA  
 CCACGGCCGCTCTGCAGGTCTTATACCCCATATTTCAAGGCTGGAGGGGAGCGCGGTGAGTTCGCGCGG  
 GAAGCCTACCGCCGTTCCGATCTGCTGCTGCCTCACGCGCACGCCCTGGAAGCCGCGGCCCTGGCTGAGA  
 ACCTAGGGCTGCACGAGATGGCTCACCCATTGAGGAGGTGCAGAACGTGGACGACCCGCATCTGCTTCT  
 ACACGATCAGACTGTCTTCGAAAGGACCCATTTCAATGACCAAGAACCCTCTGGCCCTCCCTTGCCAG  
 AAGGACCTAGTTGGAGCGGTTCATGAACCCAGCGAGGTCTTCTGCTCCGTTCTGGAAGACTCTCCCTGT  
 TGAGCTCCACCTCGAAGTACAAAGTAAACCGTGGCTGAGGTACAGAGGCGACTGTCAACACCGGAATGCTT  
 GAATGCCTCGCTCCTGGGAGGCGTCTCAGAAGAGCGAAATCCAAAAATGGAGGCCGCTCTTGAGGGAG  
 AAGTTGGACAAAAATGGGCTGAACCTTCCAGCTGGGAGACGGAAGCCGCCCATGTCACTCTCTCACAT  
 CTCTCGTGAAGGCGAGGCCCTCACCTAGCCCGGACTTTGCCTACGCTGCGAAGCTGAGTTCCCGAG  
 TAAAGCAGTGGCTGACTATTTAACAGACCGCATCTTGGGGACGGAACGAGATGGCCGCTAGGAAGAGT  
 GTGTTGTTGGCAGCACAGCAAGTGTCAAGGAGTTCACGACCTCCTCCATCAAGACCGAACGCCCAACG  
 GGAACAGCAGGCCACCCCGGTCTTGGAGACGAACATACAAAACCTGCTTGTCTCATTTCAGCCTGATAAC  
 TCATGGCTTTGGCAGCCAGGCCATCTGCGCAGCGGTCTCTGCTGTGCAGAATTATATCAAGGAGGCCCTA  
 ATCACCATCGACAAGTCTACATGAACCCGGGAGAGCAGAGTCCGGCTGATTCCAACAAGACGATGGAGA  
 AAATGGAAAAGCACCGGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR210542 representing NM\_201420  
 Red=Cloning site Green=Tags(s)

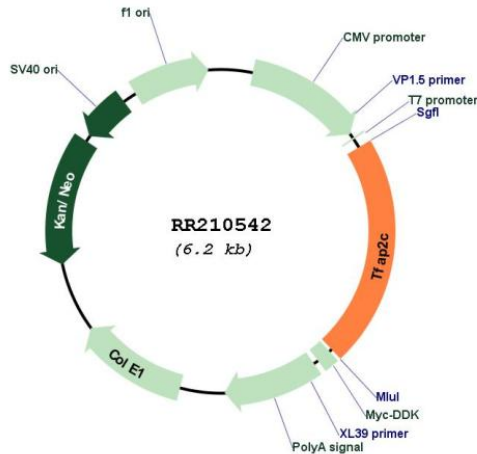
MLWKITDNVKEYEEDCEDRHDASSNGNPRIPHLSSAGQHLVSPAPPLSHTGVAEYQPPPYFPPPYQLAYS  
 QSADHYSHLGEAYAAAINPLHQAPTGSQQAWPGRQSQEGSSLASHHGRSAGLIPHISGLESAVSSRR  
 EAYRRSDLLLPHAHLEAAGLAENLGLHEMAHPIEEVQNVDDPHLLLHDQTVIRKGPISMTKNPLGLPCQ  
 KDLVGAVMNPSEVFCVPGRLSLLSSTSKYKVTVAEVQRRLSPPECLNASLLGGVLRRAKSKNGGRSLRE  
 KLDKIGLNLPAGRRKAAHVTLTSLVEGEAVHLARDFAYVCEAEFPSKAVADYLTRPHLGGRNEMAARKS  
 VLLAAQVCKEFTDLLHQDRTPNGNSRPTVLETNIQNCLSHFSLITHGFGSQAICAAVSAVQNYIKEAL  
 ITIDKSYMNPGEQSPADSNKTMKMEKHK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**

**ACCN:**

NM\_201420

**ORF Size:**

1350 bp

**OTI Disclaimer:**

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:**

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_201420.2](#), [NP\\_958823.2](#)

**RefSeq Size:** 1808 bp

**RefSeq ORF:** 1353 bp

**Locus ID:** 362280

**Cytogenetics:** 3q42

**MW:** 49.1 kDa