

## Product datasheet for **RN210371**

### **Tfcp2 (NM\_001134714) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tfcp2 (NM_001134714) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tfcp2
Synonyms:	Tcfcp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN210371 representing NM\_001134714  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCTGGGCTCTGAAGCTGCCGTAGCTGACGAAGTATCGAGTCGGGGCTGGTGCAGGACTTTGATG  
CTAGCCTGTCGGGCATTGGCCAGGAGCTGGGAGCTGGTGCTTATAGTATGAGTGATGCCTTGCATTGCC  
TATTTTTAAGCAAGAAGAGTCAAGTTTGCCTCCTGAAAATGAGAACGAGATCCTGCCTTTTCAGTACGTC  
CTCTGTGCCGCCACCTCGCCAGCAGTGAAGCTCCACGATGAGACCCTGACCTACCTCAATCAAGGACAGT  
CTTATGAAATCCGAATGCTAGACAATAGAAAATGGGAGAACTACCGAAATCAACGGCAAGTTAGTGAA  
GAGCATCTCCGTGTAGTGTCCACGACAGGAGACTGCAGTACACTGAGCACCAGCAGCTGGAGGGCTGG  
AGGTGGAACCGGCCAGGAGACAGGATACTGGACATCGATATCCCAATGTCTGTGGGTGTAATTGATCCCA  
GGGCAATCCTACCCAGCTAAACACAGTGGAGTTCCTGTGGGACCCTGCAAAGAGGACATCTGTGTTTAT  
TCAGGTGCACTGCATCAGCACTGAGTTCCTACTATGAGGAAGCACGGTGGGAAAAGGGGTGCCCTCCGA  
GTGCAGATCGATACCTTCAAGGAGAACGAGAATGGAGAGTACACGGAGCACTTGCCTCGCCAGCTGCC  
AGATCAAAGTCTTCAAGCCTAAAGGTGCAGACAGAAAACAAAAGATAGATAGAGAGAAGATGGAGAAACG  
GACGCCCCATGAAAAGGAGAAAATACCAGCCTTCTTATGAGACAACCATACTCACAGAGTGTCTCCGTGG  
CCTGAGATCACCTACGTACGCAATTCCCATCGCTGGCTTCAACAGCTCCCACAGCAGTTTCTCTCTTG  
GGGAAGGAAACGGCTCGCCCAACCACAGCCAGAGCCACCCCTCCAGTCACGGACAACCTTTGCCAAC  
AACCACGCCTCAGGAAGCCAGCAGTGGCTGCATCGAAACCGTTTTCCACGTTACAGGAGCTTTTACC  
AACTTCTCAGGGGAGACTTACTGAACTAACTAGAGATGACGTGATCCAATCTGTGGCCTGCAGATG  
GAATCCGGCTCTTCAACGCATTGAAAGCCGGATGGTGGTCCAAGGCTGACCTTTATGTCTGTCAGGA  
GTCGTTGCAGTTGAGGGAGCAGCCACAGCAGCCGAGCCGAGCAGAGAAGCAGGAGGACGGAGATTCAAAT  
GTGTACCATGCTATCTATCTAGAGGAGCTGACAGCTGTTGAATTAACAGAAAAAATTGCTCAGCTTTTCA  
GTATTTCTCCTCAGCAGATCAGCCAGATTTACAAGCAAGGGCCGACCGGAATCCATGTGCTCATCAGCGA  
TGAGATGGTACAGAACTTTCAGGAAGAAGCCTGCTTTATTCTGGACACAATGGAAGCGGAAACAGTGAT  
AGCTATCATGTCATTCTCAAGTAG

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001134714

**Insert Size:** 1494 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\\_001134714.1](#), [NP\\_001128186.1](#)

**RefSeq Size:** 3435 bp

**RefSeq ORF:** 1494 bp

**Locus ID:** 315309

**Cytogenetics:** 7q36