

Product datasheet for **RN211206**

Tnfaip2 (NM_001137633) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfaip2 (NM_001137633) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnfaip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211206 representing NM_001137633
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAAGATGGTGACTTTCTTCCAAGGGCTTCTGGCCAGCAGTCTGTGCCAGGGACCTGGACCTCC
 CTGGAAGCCCCAAAAGCCACGTTCCACATCCGAGGCAGAATCAGAGACCTCCATGTCTGAGGCTTCCTC
 TGAGGACCTGATGCCATCTCAGGAGGCTCCTGAAGGGGAGGAGGAGTCTGCGAAGAAGAAGGAGAAGAAA
 TCCAAAGGACTGGCCAATATGTTCAAGTGTCTTACCAAAGGGAAGAAGAAAAAAGGACCAGCCAGAT
 TATCGGATCCGGAGGTGCAGTCCAAGTCCAGGCCGAGGAAGATGGTCCACTGCCACAGTGGAGGAGCT
 CAAAGAGGCCCTGGAGCTCGGGCGGCTGGAGGTGGCGTGGCAGGTGCTGGCTTTGGAGCGGCAGCTCGAG
 GCTGCTGCGGCGGAGGTGGCACGAGCGACGAGGAGCTGGTGTGGCGGCAGAGCAAGGTGGAGGCGCTGT
 ATGTACTGCTGCGCGACCAGGTGCTCCGGGTGCTGCGGGCGCCGCTGGAGCGGCACCGGAGCGGCTGAG
 CCAGGCGCTGGCAGTGGTGTGCGAGGAGGATTTGAAGACCGCCGGGCGTCCCGGGGACCTTTGGCAACG
 GCACTAGCAATCACACGCCCGCGCGATGGCTGCAGCTGTGGAGGGGCGTCGTGGCGGAGGTAGCAGCCG
 AGCGTCTGGACGCGCAGCCCGCCTTTGTGCCGAGGGCCGCTCCGAGGCCGAGAACAGGTTCTGCACAT
 GGGCCGCACCATGAGGGAGGACATGGAGGTGGTGGTGGAGCGGCTGAAACCGCTGTTCCCCGAAGAGTTC
 AACGTTGTGCACACTTACGCAGAGAGCTACCACGAACACTTCGCCACCCACCTGTGCACCTTGGCGCAGT
 TCGAGCTATGTGAAAGGGACACCTACTTGTCTCCTCTGGGTGCAGAACTTCTACCCCAATGATATTCT
 GAACAGCCCTAAGTTGGCACAGGAGCTCCAGGGTATCAGGCTTGGGAGCCTCTGCCCCAAAGCAGATC
 CGACTGCTGGAGGCCGTGTTCTGTCCAATGAGGTGACCAATGTGAAGCAGCTCATGACCCGGGCTTTGG
 AGCTAGAGTCTCAGCGCTGGGCCCAGGATGTGGCTCCCCAGAGCCTGGATGGCCGCGTCCAGTGAAT
 GGCCATCGACATTCTCCAGATCATTTCAAGGCCAGACCAAGGCTGAGAACATCACTTCCGATGTGGGG
 ATGCAGATTAAGCAGTTGCTACTGGTGGAGCTGGCTGCGCTACTGAGGAGCTACCAGCGTGTCTTTGATG
 AGTTTCTAGAGAAAAGCAAAGTCTGAGAAATTATAGAGTCAACATCATCGCAACATCAACAAGTGCCT
 GTCCTTCCGGACTTCTGTGGAACAGAGGTGGCAGATACCTCAGGATTCTCTGAATCGTCTGGTGGAGCCT
 TTGAAAGACCTCAAGGCTCACGGCTTCGACACCCTGCTCCAGAGCCTATTTTCAGACCTGAAGCCACTGT
 TTAAGAAGTTCACACAGACCCGCTGGGCAAAGCCAGTTGAGACCTGGAGGAAATCATCACTACTGTGAG
 CGTCAGCCTGCCGAATTCTCAGAGCTGCAGGACTGTTTCCGGGAGGAGCTCATGGAGGCAGTGCACCTG
 CACCTGGTAAAGGAATACATCATCCGGCTCAGCAAACGGCGCCTGGTCTCAAGACCGCAGAGCAGCAGC
 AGCAGCTGGCAAAGCACATCCTCGCAAATGCGGACACCATTAGCACTTCTGCACTGAGAATGGCTCCAC
 TGCAACCTGGCTGCACGCTGCCCTCCCTACGATCTCTGAGATTATTCGCCTGCAAGATCCCAGTGCATC
 AAGATCGAGGTGGCCACATATGCCACTTGGTACCCCGACTTCAGCAAAGGCCACCTGAACGCCATCCTGG
 CCATCAAGGGCAATCTACCAAGCAGTGAAGTCAGGAGCATCCGGAACATACTGGACATCAACACAGGAGT
 GCAGGAGCTATCCAGGCCCTGTTCTCACTTATAAAAGTTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001137633

Insert Size: 2076 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_001137633.1](#), [NP_001131105.1](#)

RefSeq Size: 3797 bp

RefSeq ORF: 2076 bp

Locus ID: 299339

Cytogenetics: 6q32