

Product datasheet for **RR211206**

Tnfaip2 (NM_001137633) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR211206 representing NM_001137633
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAAGATGGTGACTTTCTTCCAAGGGCTTCTGGCCAGCAGTCTGTGCCAGGGACCCTGGACCTCC
 CTGGAAGCCCCAAAAGCCACGTTCCACATCCGAGGCAGAATCAGAGACCTCCATGTCTGAGGCTTCCTC
 TGAGGACCTGATGCCATCTCAGGAGGCTCTGAAGGGGAGGAGGAGTCTGCGAAGAAGAAGGAGAAGAAA
 TCCAAAGGACTGGCCAATATGTTCAAGTCTTCCACAAAGGGAAGAAGAAAAAAGGACCAGCCAGAT
 TATCGGATCCGGAGGTGCAGTCCAAGTCCAGGCCGAGGAAGATGGTCCACTGCCACAGTGGAGGAGCT
 CAAAGAGGCCCTGGAGCTCGGGCGGCTGGAGGTGGCGTGGCAGGTGCTGGCTTTGGAGCGGCAGCTCGAG
 GCTGCTGCGGCGGAGGTGGCACGAGCGACGAGGAGCTGGTGTGGCGGCAGAGCAAGGTGGAGGCGCTGT
 ATGTACTGCTGCGCGACCAGGTGCTCCGGGTGCTGCGGGCGCCGCTGGAGCGGCACCGGAGCGGCTGAG
 CCAGGCGCTGGCAGTGGTGTGCGAGGAGGATGGAAAGACCGCCGGCGTCCCGGGACCTTTGGCAACG
 GCACTAGCAATCACACGCCCGCGCGATGGCTGCAGCTGTGGAGGGGCGTGGTGGCGGAGGTAGCAGCCG
 AGCGTCTGGACGCGCAGCCCGCTTTGTGCCGAGGGCCGCTCCGAGGCCGAGAACAGGTTCTGCACAT
 GGGCCGCACCATGAGGGAGGACATGGAGGTGGTGGTGGAGCGGCTGAAACCGCTGTTCCCCGAAGAGTTC
 AACGTTGTGCACACTTACGCAGAGAGCTACCACGAACACTTCGCCACCCACCTGTGCACCTTGGCGCAGT
 TCGAGCTATGTGAAAGGGACACCTACTTGTCTCCTCTGGGTGCAGAACTTCTACCCCAATGATATTCT
 GAACAGCCCTAAGTTGGCACAGGAGCTCCAGGGTATCAGGCTTGGGAGCCTCTGCCCCAAAGCAGATC
 CGACTGCTGGAGGCCGTGTTCTGTCCAATGAGGTGACCAATGTGAAGCAGCTCATGACCCGGGCTTTGG
 AGCTAGAGTCTCAGCGCTGGGCCAGGATGTGGCTCCCCAGAGCCTGGATGGCCGCGTCCACAGTGAAT
 GGCCATCGACATTCTCCAGATCATTTACAAGGCCAGACCAAGGCTGAGAACATCACTTCCGATGTGGGG
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 AGTTTCTAGAGAAAAGCAAAGTCTGAGAAATTATAGAGTCAACATCATCGCCAACATCAACAAGTGCCT
 GTCCTTCCGGACTTCTGTGGAACAGAGGTGGCAGATACCTCAGGATTCTCTGAATCGTCTGGTGGAGCCT
 TTGAAAGACCTCAAGGCTCACGGCTTCGACACCCTGCTCCAGAGCCTATTTTCAGACCTGAAGCCACTGT
 TTAAGAAGTTCACACAGACCCGCTGGGCAAAGCCAGTTGAGACCCTGGAGGAAATCATCACTACTGTGAG
 CGTCAGCCTGCCGAATTCTCAGAGCTGCAGGACTGTTTCCGGGAGGAGCTCATGGAGGCAGTGCACCTG
 CACCTGGTAAAGGAATACATCATCCGGCTCAGCAAACGGCGCCTGGTCTCAAGACCGCAGAGCAGCAGC
 AGCAGCTGGCAAAGCACATCCTCGCAATGCGGACACCATTAGCACTTCTGCACTGAGAATGGCTCCAC
 TGCAACCTGGCTGCACGCTGCCCTCCCTACGATCTCTGAGATTATTCGCCTGCAAGATCCCAGTGCATC
 AAGATCGAGGTGGCCACATATGCCACTTGGTACCCGACTTCAGCAAAGGCCACCTGAACGCCATCCTGG
 CCATCAAGGGCAATCTACCAAGCAGTGAAGTCAAGGAGCATCCGGAACATACTGGACATCAACACAGGAGT
 GCAGGAGCTATCCAGGCCCTGTCTCACTTATAAAAGTTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211206 representing NM_001137633
Red=Cloning site Green=Tags(s)

MLKMVTFQGLPGQQSVPGLDLPDGPSPQKPRSTSEAESETSMSEASSEDLMPSQEAPEGEEESAKKKEKK
 SKGLANMFSVFTKGKKKKKQDQPRLSDPVQSKSRPEEDGPLPTVEELKEALELGRLEVAWQVLALERQLE
 AAAAAGGTSDEELVWRQSKVEALYVLLRDQVLRVLRPLEAAPERLSQALAVVSQEELEDRRASRGPLAT
 ALAITRPRRWLQLWRGVVAEVAERLDAQPAFVPEGRSEAEENRFLHMGRMREDMEVVVERLKLPLFPEEF
 NVVHTYAESYHEHFATHLCTLAQFELCERDTYLLLLWVQNFYPNDILNSPKLAQELQGIRLGSLLPPKQI
 RLLEAVFLSNEVTNVKQLMTRALELESQRWAQDVAPQSLDGRRHSELAIDILQIIISQGQTKAENITSDVG
 MQIKQLLLVELAALLRSYQRFVDFEFLEKSKLLRNYRVNIIANINNCLSFRTSVEQRWQIPQDSLNRVLP
 LKDLKAHGFDTLLQSLFSDLKPLFKFTQTRWAKPVETLEEIITTVSVSLPEFSELQDCFREELMEAVHL
 HLVKEYIIRLSKRRLVLKTAEQQQQLAKHILANADTIQHFCTENGSTATWLHAALPTISEIIRLQDPSAI
 KIEVATYATWYPDFSKGHLNAILAIKGNLPSSEVRSIRNILDINTGVQELSRPLFSLIKVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001137633

ORF Size: 2073 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_001137633.1](#), [NP_001131105.1](#)

RefSeq Size: 3797 bp

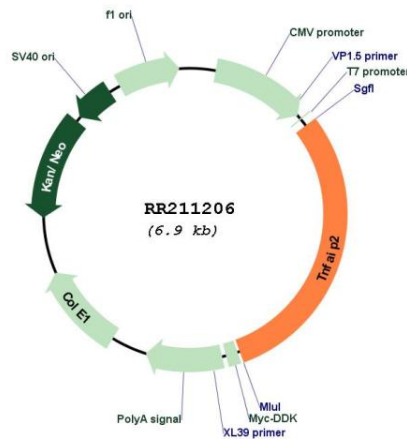
RefSeq ORF: 2076 bp

Locus ID: 299339

Cytogenetics: 6q32

MW: 78.4 kDa

Product images:



Circular map for RR211206