

Product datasheet for **RN204858**

Nfkb2 (NM_001008349) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfkb2 (NM_001008349) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfkb2
Synonyms:	RGD1307189
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204858 representing NM_001008349
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCGTTGCTACGATCCAGTGGATGGCATCCCTGAATATGATGATTTTGAATTCAGCCCCCTCCA
 TTGTGGAGCCCAAGGATCCAGCCCCAGAGACAGCTGATGGCCCTATCTGGTGATTGTGGAACAGCCTAA
 ACAGCGAGGCTTCAGATTTTCGATATGGCTGTGAAGGCCCTCCCATGGAGGTCTGCCAGGTGCCTCCAGT
 GAGAAGGGCCGGAAGACCTATCCTACTGTCAAGATCTGTAACACGAGGGGCCGGAAGATTGAGGTGG
 ACCTGGTGACACACAGTGACCCACCCCGTGACATGCCACAGTCTGGTGGCAAGCAGTCTCTGAGCT
 GGGGGTGTGTGCCGTGTCTGTGGACCCAAGGACATGACTGCTCAATTAATAATCTGGGTGTCTGCAT
 GTAACCAAGAAGAACATGATGGAGATTATGATTCAGAACTCCAGAGGCAGCGGCTCCGCTCCAAGCCTC
 AGGGCCTTACAGAGGCCGAGCGCCGGGAGCTGGAGCAGGAGGCCAAGGAGCTGAAGAAAGTCATGGATTT
 GAGCATTGTACGGCTACGCTTCTCAGCTTTCCTTCGAGCTAGTGTGGCTCCTTCTCCCTGCCCTGAAG
 CCTGTGATCTCCAGCCATCCACGACAGCAAGTCTCCAGGGCCCTCAAACCTGAAGATTTCCCGAATGG
 ACAAACAGCAGGTTCCGTGCGCGGTGGAGACGAAGTTTATTTGCTTTGCATAAGGTGCAGAAAGATGA
 CATTGAGGTTTCGTTTCTATGAGGATGACGAGAACGGATGGCAAGCCTTTGGGGACTTCTCTCCACAGAC
 GTTCATAAACAGTATGCCATTGTGTTCCGGACACCGCCCTATCACAAGATGAAGATTGAGAGGCCTGTAA
 CGGTGTTCTGCAGCTGAAACGCAAGCGTGGGGCGATGTCTCCGACTCCAAACAGTTACAGTATTACCC
 TCTGGTGAAGACAAGGAGGAAGTACAGAGGAAGCGGAGAAAGGCCTGCCTACCTTCTCCAGCCCTTC
 GGGGCGGATCCACATGGTGGAGTTCCTGGGGCTCCGCTGGGGTTATGGAGGCGCTGGAGGAGGTG
 GCAGCCTCGGCTTTTTCTCCTCCTCGCTACAGCCCTACCAATCCGGTGCAGCCCAATGGGCTGCTT
 CCGGGTGGGGAGGTGGAGCGCAGATGGCCGGCTCTGGACGGGACCGGAGGCTGGCGAGGCAGAGGAG
 CAGCCCAGAGCACCTCCGAGGCCCCAGAGCGAGCAGCAGGCCCTGGACACGCTGCAGCGAGCTCGCG
 AGTACAACGCGCGCTGTTTCGGTCTGGCGCAGCGCAGCGCCGAGCGTTGCTGGACTACGGCGTACCCG
 GGACGCGCGTGTCTGCTAGCGGACAGCGCCACCTGCTGATGGCACAGGACGAGAACGGAGACACGCCG
 CTGCACCTGGCCATTATCCATGGGCAGACTGGTGTCTTTCAGCAGATAGCCCAAGTCATTATCATGCTC
 AGTACCTTGGGGTTCATCAACCTACCAATCACCTGCACCAGACACCTCTGCACCTGGCAGTAATCACTGG
 GCAGACACGGGTGGTGGCTTCTGCTGCAGGTGGTGCAGACCCACACTGCTGGATCGCCATGGTGAC
 TCAGCTGTCCACTGGCTCTCCGGCAGGTGCTGCAGCCCAGACCTGCTGCAGGCAGTGTGCACAGTG
 GAGCCCACGCTCTGCCCAAATGTTACACATGCCTGATTTTGGGGACTATACCCAGTACACCTGGCGGT
 CCATGCCCGAAGCCCTGAGTGCCTGGATCTGTTAGTTGACTGTGGAGCTGAAGTGGAGGCAGCAGAGAGG
 CAAGGAGGCCGAACCCACTGCATCTAGCCACAGAGATGGAGGAGCTGGGGTTGGTACCCTACTGGTCA
 CCAAGCTCCATGCTAATGTGAATGCCCGGACCTTTGCTGGAAACACACCCTCCACCTGGCGGCTGGACT
 TGGATCCCAACCTCACCCGCTCCTTCTAAAGGCTGGTGTGACATCCATGCGGAGAATGAAGAGCCT
 CTCTGCCACTGCCCTCACCCCTACCTCTGGGAGCGATTCAGACTCTGAGGGCCTGAGACAGATACCC
 AAAGAACTTCCGAGGCCATACCCCTTTGACCTCACTCGCAGTACCAAGGTGAAGACCTGCTGTTGAA
 CGCTGCTCAGAACACCACGGAGCCACCCCTGGCCCCACCCAGCCCTGCAGGGCCAGGGCTGTCACTGGGG
 GATGCAGCCCTGCAGAACTGGAGCAACTGCTAGATGGGCCAGAAGCCAGGGCAGCTGGCAGAGCTGG
 CAGAGAGACTGGGGCTGAGGAGCCTGGTGGACACATACAGGAAGACCCCTCCCCAGTGGCAGTCTCCT
 TCGTAGTTACAAGCTGGCTGGTGGAGACTTGGTGGTCTATTGGAAGCCTTGCCGACATGGGTCTTCAT
 GAGGGAGTTAGGCTGCTGAAGGCGCTGAGACCCGAGACAAGCTGCCAGCACAGAGGTGAAGAAGACA
 GTGCCTACGGGAGCCAGTCAGTGGAGCAGGAGGCAGAGAAGCTGTGTCCACCCCTGAGCCTCCAGGAGG
 GCTCTGCCACGGGACCCCCAGCCTCAGGTGCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001008349

Insert Size:	2697 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:	<ol style="list-style-type: none">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:	<u>NM_001008349.1</u> , <u>NP_001008350.1</u>
RefSeq Size:	3098 bp
RefSeq ORF:	2697 bp
Locus ID:	309452
Cytogenetics:	1q54