

Product datasheet for **MC201615**

Nfkbie (NM_008690) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfkbie (NM_008690) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nfkbie
Synonyms:	I-kappa-B-epsilon; IκB-E; IκB-epsilon; IKBE; NF-kappa-BIE
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030923 sequence for NM_008690
 GGGACCGTTCAGCTGCCAAAGCACCCGCTGCGGTGGACCTGGCCGGCGCCCTGGACCTCTCGCTTTTCT
 CATCCGCTCCCGCGCCTGCACAGCCAGGTAATGAAGCCGCTCGGAGAGTGACTCTGGTTCTGTTAGGCG
 GTCACACAAACCCGAAAAGCTCGCTTTTGACACCTCAGAGTTAGATCCCGCTGGACCCCTGGACCCCGG
 GCTGGCGCGGCCGCATGTCGGATGCGCGGAAGGGCCGACGAGGCGGATGATAGCCAGTGTACTCTG
 GCATAGAGTCGCTGCGCTCTCTACGCTCCCTGCCTGAACCTACTGCGGCCAGGCTCCGGATCATCCCA
 AAGCGGTGCCACAGCCTTGGAGACATGCTCCGGAGACCCACAAGGAACCCAGAGAAAGAAGATGCGGAT
 GGAGAGCGAGCGGACTCCACTTATGCCTCCTCCTCTCACTGAATCCTTCCCCTTACTGGAGAGACCCG
 AAGCCAAGGATCCAAGCCCTCCCGCCCCAGGATCGCCGCTGCCCGCCGCGGGGTGCTGAGCCCTCAGCA
 ACTCGAGGCGCTCACATACATCTCTGAGGATGGAGACACGCTGCTCCACCTGGCAGTGATTCACGAAGCC
 CCGTGGTGTATTCTGTTGGCTTCTGCCCCAGGAAGTCTGGACATTCAGAACAACCTTTACC
 AGACAGCACTGCATCTGGCCGTTACCTGGATCAGCCAGATGTTGTCCGGGCGTGGTGTGAAGGGGGC
 CAGCCGAATTCTGAGGATCAGCATGGTGACACGGCCCTGCATGTGCCTGTCCGGCCAGAAATCTGGCC
 TCGCGTGTCTGCTGGAGGAGCAGCCAGGCCAGGCAGACAGCTTTCTCATCCCTGGACCTCCAAC
 TGAAGAACTGGCAAGGTCTGGCCTGTCTCCACATTGCCACATTGCAGAGGAACCAACCGCTCATAGAACT
 GTTGCTTCAGAATGGAGCTGACATTGATGTACAGGAGGGCACAGTGGAAAGACTGCCCTGCACCTGGCT
 GTGAAACCCAGGAGCGCAGCCTGGTGCAGTTTCTGCTCCAGGCCGGTGCCCGGGTAGATGCCCGCATGC
 TTAACGGGTGCACACCTTACACCTGGCAGCTGGCCGGGGCTCAACAGCATCTCATCCACTCTGTGTGA
 GGCCGGTCCGACTCTCTGCTGTGAATGTAGAAGATGAGACACCCAGGACCTGGCTGAGGACCTCCTT
 TCTTATTTGCCCTTCGATGACCTGAAAATCTCTGGCAAACCACTGCTATGTAAGTGAAGCTCGGATG
 GGTCCCAACCGCTTCCACCTGGAAGCTGGATCCGCAGCTGCTGCAGTTGGGACCCAAGCAATGCCCCCT
 TCTGCTGATGCTGGTCTGGGGCTAGCATAGTCCTAAAATGAGATGAAGGATTGCAGACGAGGAAGGCC
 GATCTGGAAGGAAGGACTTCCCAAGTGGCCTGGATGGAGATTCTTGAAGACCCTCGAAGCCACTGGTAT
 CCTGAAGGAAGCCCTCCTTGCTTCTGTTGAAGATGGCATGGGCTGAAATTGCCAGCTACCTGGAAAATGGG
 GATGAGCAAACCTGACCCGAGGGTCTCACCTAAAATACCTTTGTGAGTGTGTTGGCACTGGGGTGTGAA
 CCTAGAGCCTCCCGAGCGGTAGGCAAGCTTACTATCATGGAGCTGTGCCCCGGCCCTCTTTTCATTTTT
 TATGTTGTGATGGGATCTCAATGAGTTGCCAGAGATGGCCTGGAACCTCACTCTATAGCCAGGCAGTCAT
 CTTTGAACCTGGAACTTCTGTCTCAGCCTCCTGAGTAGCTGGGATTATAGGTCTGGTGGCAGCGGGCCA
 CCGCAAAGTTATCTAAAGACTTCAAACATAAAGGCTCCCAACTGAACCTTTGCAGTTATTCTAATATGACA
 CTAATAATGGAAGAGAGGGGCTTTAAAAAACAACAACAACGTTTCCCTTCTACAGTTGTATGCATA
 GGCAGGCTGACTCTCGGTAAGGCAGAGAGAAGGAAACAAGCCCTGAGCAAGCACAGGGCCTTGTCTGG
 GTATGGTAGGAGACCTAAGTGGTTCCTGCCACCACAGGCACATCTCCTTATGTGAAATGCCAGGGCT
 GGAGAGTGAGGAGGAAGAATATGGAGACACACAGTGTCCCTGGAGAAGTTTGGAGACATTGATCAAG
 AGAGTTGCAACTTTCCTCCCCACCCAACCCCTTAGACTCCACACACTGAGGGCCCTGCTAGGTATGC
 ACGAAGAAGGAGAAGAAATAATCAACATACTTCCGATGCTTAGCACTATAAGCACTAAGCAAAATGCA
 TCCTGTGAGTGAGACAGATATTAAGGCATAAACAACCTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008690

Insert Size: 1095 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: [BC030923](#), [AAH30923](#)

RefSeq Size: 2437 bp

RefSeq ORF: 1095 bp

Locus ID: 18037

UniProt ID: [O54910](#)

Cytogenetics: 17 B3

Gene Summary: Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. Inhibits DNA-binding of NF-kappa-B p50-p65 and p50-c-Rel complexes (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter isoform (1).