

Product datasheet for **SC123055**

NFKBID (NM_032721) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFKBID (NM_032721) Human Untagged Clone
Tag:	Tag Free
Symbol:	NFKBID
Synonyms:	IkappaBNS; IkbNS; TA-NFKBH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032721 edited
 GGCACGAGGGTCTCTTGGCTGTGCTTAACTCTGGGGTCCAGGTTGACCTGGAAGCCAGA
 GACTTCGAGGGCCTCACCCCGCTCCACACGGCCATCCTGGCCCTTAACGTTGCTATGCGC
 CCTTCCGACCTCTGTCCCGGGTGTGAGCACACAGGCCCGAGACAGGCTGGATTGTGTC
 CACATGTTGCTGCAAATGGGTGCTAATCACACCAGCCAGAGATGAGGTCTTGCTGTGTTG
 TCCAGGCTGGTCTGCAGTCTTGGCCTCAAGTATCCTCCTTCTTCAGCTTCCCAAAGTG
 CTAGGATTACAGGCGTGAACACCGCACTCCGCCAAGGGAGATCAAGAGCAACAAGACAG
 TTCTGCACCTTGGCCGTGACGGTGCCAAACCCCACTCTGGTTCAGCTGCTGCTGGAGCTGC
 CCCGGGGAGACCTGCGGACCTTTGTCAACATGAAGGCCACGGGAACACAGCCCTCCACA
 TGGCGGTGCCCCTGCCCCCTGGGCCGGCCAGGAGGCCATCGTGCGGCACCTGTTGGCAG
 CTGGGGCGGACCCCACTGCGCAACCTGGAGAATGAGCAGCCCGTTACCTGCTGCGGC
 CCGGGCCGGGCCCTGAGGGGCTCCGGCAGCTGTTGAAGAGGAGCCGTGTGGCGCCGCCAG
 GCCTGTCTCTTAGGACTCAAACCCAGACCCTGGACTGATTTTCCAGTCCCCACCGTCT
 GCGGGACAGCCAGCGTATGCTAATGTTGCAAACCATGATAATGTATGTGAATATCCTG
 CCATTGGGGTTTTACATTAACCCCAAGATGGCTGCAGAGGGGTGAACAGGCCCAATA
 TTTGGGGTGTGTGATACCCCTCTTCTACCCACAAGGAGCCCTCTTGATGATTTCTGTGA
 AATCGAGGCCCTTGATTGTTTCTGTGAAACACCTGCACCCCTAGTCCTTTCCCACTG
 AGATCTTTCGGGTCTCTCCCCTAACTCAGCTCTTCGTTCCAGAAACCCAGATGTAATC
 CCCCTACGTGGTCTTGGGGCATCCCGATACCATCTCAGTAAATCTCCTACAATGGCCTC
 CTCACCTCCCGGGACCCACACCTTCAGGTCTCACCTGAGACAGGAGGGACCTCT
 GAGATCAGGGACCTTAGGTCTCACTGCTCTGATTGAGAGCTCAGTGGGCCCCCAGT
 TCCAGACCCAGCATTCCCGTCACTCCCTCCCTAATCTGAGCATCACTCAAGCTCTTTA
 TTAACCTCAATTTGGGCCAGATTTGGTGGCTCATGCCTGTAATCTAACACTCTGGGAGG
 CCGAGGGCGGGGATCACTTGAGGTGAGGAGTTTGAGACAGCCCTGGCCAAACATGGTGAA
 ACCCTGTCTCCACTAAAAATACAAAAACAATTGGCTGGACATGGTGGCATGCGCCTGTAG
 TCCCAGCTACTTGGGAGGCTGAGGCAGAAGAATTGATTGAACCCAGGAGGCGGAGTTGC
 AGTGAGCCGAGATTGTGCCACTGCACTCCAGCCTAGGTGACAAAGAGAGACTCTGTCTCA
 AAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_032721 unedited
 GACGTCAGAAATTGTATACGACTCATATAGGCGGCACGCGAATTTCGACAGAGTTCTCTTG
 GCTGTGCTTAACTCTGGGGTCCAGGTTGACCTGGAAGCCAGAGACTTCGAGGGCCTCACC
 CCGCTCCACACGGCCATCCTGGCCCTTAACGTTGCTATGCGCCCTTCCGACCTCTGTCCC
 CGGGTGTGAGCACACAGGCCCGAGACAGGCTGGATTGTGTCCACATGTTGCTGCAAATG
 GGTGCTAATCACACCAGCCAGAGATGAGGTCTTGCTGTGTTGTCCAGGCTGGTCTGCAGC
 TCCTGGCCTCAAGTGATCCTCCTTCTTCAGCTTCCCAAAGTGCTAGGATTACAGGCGTGA
 ACCACCGCACTCCGCCAAGGGAGATCAAGAGCAACAAGACAGTTCTGCACTTGGCCGTGC
 AGGCTGCCAACCCCACTCTGGTTCAGCTGCTGCTGGAGCTGCCCGGGGAGACCTGCGGA
 CCTTTGTCAACATGAAGGCCACGGGAACACAGCCCTCCACATGGCGGCTGCCCTGCCCC
 CTGGGCCGGGCCAGGAGGCCATCGTGCGGCACCTGTTGGCAGCTGGGGCGGACCCACAC
 TGCGCAACCTGGAGAATGAGCAGCCGTTACCTGCTGCGGCCCGGGCCGGCCCTGAGG
 GGCTCCGGCAGCTGTTGAAGAGGAGCCGTGTGGCGCCGCCAGGCCTGTCTCTTAGGACT
 CANACCCAGACCCTGGACTGATTTTCCAGTCCCCACCGTCTGCGGGACAGCCAGCGTAT
 GCTAATGTTGCANACCATGATAATGTATGTGGAATATCCCTGCATTGGNGTTTTACATTA
 AAACCCAGATGGCTGCAGAGGGGTGACAGGCCCATATTTGGGGTGTGTGATACCC

Restriction Sites: Please inquire
ACCN: NM_032721
Insert Size: 1585 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:	<u>NM_032721.1</u> , <u>NP_116110.1</u>
RefSeq Size:	1585 bp
RefSeq ORF:	453 bp
Locus ID:	84807
Cytogenetics:	19q13.12
Gene Summary:	Regulates the expression of IL-2, IL-6, and other cytokines through regulation on NF-kappa-B activity. Functions in the regulation of inflammatory responses. Involved in the induction of T helper 17 cells (Th17) differentiation upon recognition of antigen by T cell antigen receptor (TCR). May also regulate TCR-induced negative selection of thymocytes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) encodes the longest isoform (3). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.