

Product datasheet for **SC312920**

NFKBID (NM_139239) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFKBID (NM_139239) 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)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_139239 edited

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ATGGAGGCTGGACCCTGGAGAGTTTCTGCACCCCTTCAGGACCCACAGTCCCCGCT
GTGGTCCCTGGACCATCGCTGGAGGTGGCCCGAGCTCACATGCTGGCTTTGGGGCCACAG
CAGCTGCTGGCCAGGATGAGGAGGGGGACACGCTCCTTCACCTGTTGCGGCTCGGGG
CTGCGCTGGGCGGCATATGCTGCGGCTGAGGTGCTCCAGGTGTACCGGCGTCTTGACATT
CGTGAGCATAAGGGCAAGACCCCTCTCCTGGTGGCGGCTGCTGCCAACCAGCCCTGATT
GTGGAGGATCTGTTGAACCTGGGAGCAGAGCCCAATGCCGCTGACCATCAGGGACGTTG
GTCTTGACGCTGGCCGCTACCTACGGGCTCCCAGGAGTTCTTTGGCTGTGCTTAACCTCT
GGGGTCCAGGTTGACCTGGAAGCCAGAGACTTCGAGGGCCTCACCCGCTCCACACGGCC
ATCCTGGCCCTTAACGTTGCTATGCGCCCTTCCGACCTCTGTCCCGGGTGTGAGCACA
CAGGCCCAGACAGGCTGGATTGTGTCCACATGTTGCTGCAAATGGGTGCTAATCACACC
AGCCAGGAGATCAAGAGCAACAAGACAGTTCTGCACTTGCCGCTGCAGGCTGCCAACCC
ACTCTGGTTCAGCTGCTGCTGGAGCTGCCCCGGGAGACCTGCGGACCTTTGTCAACATG
AAGGCCACGGAACACAGCCCTCCACATGGCGGCTGCCCTGCCCCCTGGGCCGGCCAG
GAGGCCATCGTGCGGCACCTGTTGGCAGCTGGGGCGGACCCCACTGCGCAACCTGGAG
AATGAGCAGCCCGTTACCTGCTGCGGCCCGGGCCGGCCCTGAGGGGCTCCGGCAGCTG
TTGAAGAGGAGCCGTGTGGCGCCGCCAGGCCTGTCCTCTTAG

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_139239 unedited <pre> AATACGACTCACTATAGGGCGGCCGCAATTTCGGCACGAGGCTCGNGAAGTGAGCAGGGG TGAGCGCAGCCACTGCCCAACGCAACCGTGAAGAAGCTTCTGGAAGAGCAGAGGCGCCG CCAGCAGCAGCAGCCGACGCTGGCGGGGTGCAGGGACAATTTCTCCCTCCCCCAGAGCA GCCCCTGACCCCATCTGTGAATGAGGCTGTGACTGGCCACCCTCCCTTCCCAGCACACTC GGAGACTGTGGGTTCTGGACCTAGCAGCCTGGGCTTTCAGACTGGGACCCCAACACGCA TGCTGCCCTACACTGACAGCCCCCTACTCTTGCCCTGCTTCTGCTGCCGAAAATTTCTGCC TCCTGACTTCTACCCACCCTCGGACCCAGGGCAGCCGTGCCATTTCCTCCAGGGCATGGA GGCTGGACCCTGGAGAGTTTCTGCACCCCTTCAGGACCCCAACAGTTCCCGCTGTGGT CCCTGGACCATCGCTGGAGGTGGCCGAGCTCACATGCTGGCTTTGGGGCCACAGCAGCT GCTGGCCAGGATGAGGAGGGGGACACGCTCCTTACCTGTTTGGCGCTCGGGGGCTGCG CTGGGCGGCATATGCTGCGGCTGAGGTGCTCCAGGTGTACCGGCTCTTGACATTCGTGA GCATAAGGGCAAGACCCCTCTCCTGGTGGCGGCTGCTGCCAACCAGCCCTGATTGTGGA GGATCTGNTGAACCTGGGAGCAGAGCCCAATGCCGCTGACCATCAGGNNACGTCGGTCTT GCACGTGGCCGCTACCTACGGGCTCCCCAGGAATNCTCTTAGGCTGTGCTTAACCTCTGG GGTCCAGTTGACCTGGNAAGCANAGACTTNGAGGGCCTNACNCGCTNCACACGGCAT NCTGGCCTTAACGTTGCTATGCGCTCCGACTCTGTCCGGGTGCTGACCACAGCCGAGCG GCTGGATGTGTCATGTGTGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_139239
Insert Size:	2800 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_139239.1</u> , <u>NP_640332.1</u>
RefSeq Size:	1834 bp
RefSeq ORF:	942 bp
Locus ID:	84807
UniProt ID:	<u>Q8NI38</u>

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 (1), as well as variant 4, encodes isoform 1.