

Product datasheet for SC117001

NFKBIL1 (NM_005007) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFKBIL1 (NM_005007) Human Untagged Clone
Tag:	Tag Free
Symbol:	NFKBIL1
Synonyms:	IKBL; NFKBIL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117001 sequence for NM_005007 edited (data generated by NextGen Sequencing)

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ATGAGTAACCCCTCCCCCAGGTTCCAGAGGAAGAAGCCTCCACATCTGTCTGCCGGCC
AAGAGTTCATGGCCTCCACTTCCCGCCCAACGCCGAGAACGTCGCTTTCGTGTTAC
TTGTCTGCAGGACGGCTGGTCCGGGCCAGGCCCTCTCCAGCGACACCCAGGCCTCGAT
GTAGATGCTGGGCAGCCCCACCACTGCACCGGGCCTGTGCCGCCACGATGCCCTGCC
CTGTGCCTGTGCTTCGGCTCGGGGCTGACCCTGCCACCAGGACCGCCATGGGGACAG
GCACTGCATGCTGCTGCCCGCCAGGGCCAGATGCCTACACCGATTTCTCCTCCCGCTG
CTAAGCCGCTGTCCCTCCGCCATGGGAATAAAGAATAAGGATGGGGAGACCCCTGGCCAA
ATTTTGGGCTGGGACCCCTGGGATTCTGCTGAAGAGGAGGAAGAAGATGATGCCTCC
AAGGAGCGGGAATGGAGACAGAAGCTCCAGGGTGAAGTGGAGGACGAGTGGCAGGAAGTC
ATGGGGAGGTTTGAAGGTGATGCCTCCCATGAAACCCAGGAACCTGAGTCCTTCTCAGCC
TGGTCAGATCGCCTGGCCCGGGAACATGCCCAGAAGTGCCAGCAGCAGCAGCGAGAAGCA
GAGGGATCCTGTGACCCCCACGTGCTGAGGGCTCCAGCCAGAGCTGGCGACAGCAGGAG
GAGGAGCAGCGGCTTTCAGGGAGCGAGCCCGGGCCAAGGAGGAAGAGCTGCGTGAGAGC
CGAGCCAGGAGGGCGCAGGAGGCTCTAGGGGACCGAGAACCCAAGCCAACCAGGGCCGGG
CCCAGGGAAGAGCACCCAGAGGAGCGGGGAGGGGCAGCCTCTGGCGATTTGGTGATGTG
CCCTGGCCCTGCCCTGGGGGAGGGGACCCAGAGGCCATGGCTGCAGCCCTGGTGGCCAGG
GGCCCCCTTTGGAGGAACAGGGGGCTCTGAGGAGGTACTTGAGGGTCCAGCAGGTCCGC
TGGCACCCCTGACCGCTTCTGCAGCGATTCCGAAGCCAGATTGAGACCTGGGAGCTGGGC
CGTGTGATGGGAGCAGTGACAGCCCTTCTCAGGCCCTGAATCGCCATGCAGAGGCCCTC
AAGTGA

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Clone variation with respect to NM_005007.3
670 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005007 unedited
 TGTACCACGACTTACTATAGGGCGGCCGGAATTCGGCACGAGGCGTCTCCGAGCTTCTT
 AAACACAGGCCTTGGGCCTACGGCTCTGGGGTACTTGGGGGGCGGGGGCAGGTCTGAT
 GAGTAACCCCTCCCCCAGGTTCCAGAGGAAGAAGCCTCCACATCTGTCTGCCGGCCAA
 GAGTTCATGGCCTCCACTTCCCGCCGTAACGCCGAGAACGTCGCTTTCGTCTACTT
 GTCTGCAGGACGGCTGGTCCGGGCCAGGCCCTCTCCAGCGACACCCAGGCCTCGATGT
 AGATCTGGGCGAGCCCCACCACTGCACCGGGCCTGTGCCCGCCACGATGCCCCTGCCCT
 GTGCCCTGCTGCTTCGGCTCGGGGCTGACCCTGCCACCAGGACCGCCATGGGGACACGGC
 ACTGCATGCTGCTGCCCGCCAGGGCCAGATGCCTACACCGATTTCTTCTCCCGCTGCT
 AAGCCGCTGTCCCTCCGCCATGGGAATAAAGAATAAGGATGGGGAGACCCCTGGCCAAAT
 TTTGGGCTGGGGACCCCTGNGATTCTGCTGAAGAGGAGGAAGAAGATGATGCCCCAA
 GGAGCGGGAATGGAGACAGAAGCTCCAGGGTGAAGTGGAGGACGAGTGGCANGAAGTCAT
 GGGGAGGTTTGANAGTGTGCCTCCCATGAANACCCAGAACCTGAGTCTTCTCAGCCTG
 GTCAGATCGCTGCCCGGAACATGCCAGAAGTCCAGCAGCAGCAGCAGAGAAGCAGAG
 GGATCCTGTGACCCACGTGCTGAGGGCTTCCAGCCAGAGCTGGCGACAGCAGGAGGAGG
 AGCAGCGCCTCTTAGGGAGCGACCCCGNCCAGAGAGAAGAAGTGCCTGAGAGCCGAGC
 CAGAGGCGCCAGAGGCTCTAGGAACCGATAACCCAGCAACCAGGCCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005007 unedited
 GCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATGTGGAACCAGGTCTTAT
 TAGGAAACGGCAGAGTCAAGGAGCAGTGGTGGCGGCCCGACCCCCACCCCACTTGTT
 ACAACTTTCGCTCCACCCATATCCTCTGCTGAGCAGCACCTGGCTTTCCTTGTGGTCC
 CCATCCTTCCCTTACCCTTCTTCTGCCTCATCCTGAGGCTGCAGCCCCGAAGTTTCTT
 GCTTCTTCCCTAAGGTCACTTGAGGGCCTCTGCATGGCGATTCAAGGCCTGAGAAAGGGC
 TGTCACTGCTCCCATCACACGGCCAGCTCCCAGGTCTCAATCTGGCTTCGGAATCGCTG
 CAGGAAGCGGTACGGGTGCCAGCGGACCTGCTGGACCCTCAAGTACCTCCTCAGAGCCCC
 CTGTTCTCCAAAGGGGGGCCCTGGCCACCAGGGCTGCAGCCATGGCCTCTGGGTCCCC
 TCCCCAGGGCAGGGCCAGGGCACATCACCAAATCGCCAGAGGCTGCCCTCCCCGCTCC
 TCTGGGGTGTCTTCCCTGGGCCCGCCCTGGTTGGCTTGGGTTCTCGGTCCCCTAGAGC
 CTCCTGCGCCCTCCTGGCTCGGCTCTCACGCAGCTTTACTCCTTGGCCCCGGCTCGCTC
 CCTGAAGAGCCGCTGCTCCTCCTCCTGCTGTGCCAGCTCTGGCTGGAGCCCTCAGCAG
 TGGGGTGCAGACAGGATCCCTCTGCTTCTCGCTGCTGCTGCTGGCACTTCTGGGCATGTT
 CCCGGCCANGCGATCTGACCAGGCTGAGAAGGACTCAGCTCCTGGGGTTCATGGAAGCAT
 AACCTTTAACCTTCCCATGATTTCTGCAATCGTCTCCACNTACCTGGAGCTCTGTGCTCT
 TCCGGTCTGGAGCATATCTTTTCTCCCTTANAGAATCCAGGGGGCCCAACCAATTGG
 CAAGGGTTCCTATCCTAT

Restriction Sites:

NotI-NotI

ACCN:

NM_005007

Insert Size:

1490 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_005007.2, NP_004998.2</u>
RefSeq Size:	1491 bp
RefSeq ORF:	1146 bp
Locus ID:	4795
UniProt ID:	<u>Q9UBC1</u>
Cytogenetics:	6p21.33
Domains:	ANK
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a divergent member of the I-kappa-B family of proteins. Its function has not been determined. The gene lies within the major histocompatibility complex (MHC) class I region on chromosome 6. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2009]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>