

Product datasheet for SC324972

NFKBIL1 (NM_001144963) Human Untagged Clone

Product data:

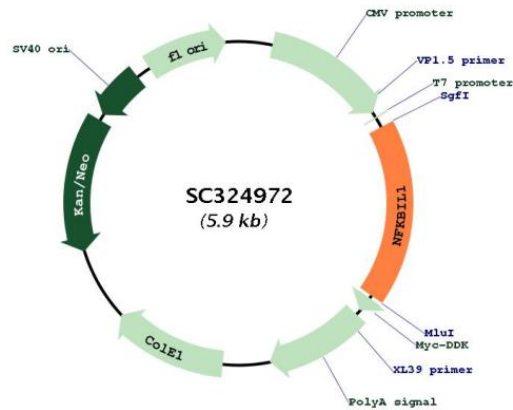
| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | NFKBIL1 (NM_001144963) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | NFKBIL1 |
| Synonyms: | IKBL; NFKBIL |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC324972 representing NM_001144963. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCCTCCACTTCCCGCCGCAACGCCGAGAACGTCGCTTTCGTCGTTACTTGTCTGCAGGACGGCTG
GTCCGGGCCCAGGCCCTCTCCAGCGACACCCAGGCCTCGATGTAGATGCTGGGCAGCCCCACCACTG
CACCGGGCCTGTGCCGCCACGATGCCCTGCCCTGTGCCTGCTGCTTCGGCTCGGGGCTGACCCTGCC
CACCAGGACCGCCATGGGGACACGGCACTGCATGCTGCTGCCGCCAGGGCCCAGATGCCTACACCGAT
TTCTTCTCCCGCTGCTAAGCCGCTGTCCCTCCGCCATGGGAATAAAGAATAAGGATGGGGAGACCCT
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GAGCGGGAATGGAGACAGAAGCTCCAGGGTGATGCCTCCCATGAAACCCAGGAACCTGAGTCCTTCTCA
GCCTGGTCAGATCGCCTGGCCCGGGAACATGCCAGAAGTGCCAGCAGCAGCAGGAGAAGCAGAGGGA
TCCCGTCGACCCCACTGCTGAGGGCTCCAGCCAGAGCTGGCGACAGCAGGAGGAGGAGCAGCGGCTC
TTCAGGGAGCGAGCCCGGCCAAGGAGGAAGAGCTGCGTGAGAGCCGAGCCAGGAGGGCGCAGGAGGCT
CTAGGGGACCGAGAACCAAGCCAACAGGGCCGGGCCAGGGAAGAGCACCCAGAGGAGCGGGGAGG
GGCAGCCTCTGGCGATTTGGTGATGTGCCCTGGCCCTGCCCTGGGGAGGGGACCCAGAGGCCATGGCT
GCAGCCCTGGTGGCCAGGGGCCCTTTGGAGGAACAGGGGGCTCTGAGGAGGTACTTGAGGGTCCAG
CAGGTCCGCTGGCACCCTGACCGCTTCTGCAGCGATTCCGAAGCCAGATTGAGACCTGGGAGCTGGGC
CGTGTGATGGGAGCAGTGACAGCCCTTCTCAGGCCTGAATCGCCATGCAGAGGCCCTCAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001144963

Insert Size: 1032 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: [NM_001144963.1](#)

RefSeq Size: 1412 bp

RefSeq ORF: 1032 bp

Locus ID: 4795

UniProt ID: [Q9UBC1](#)

Cytogenetics: 6p21.33

Protein Families: Transcription Factors

MW: 39 kDa

Gene Summary: 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]

Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence and uses an alternate in-frame splice junction at the 3' end of an exon compared to variant 1. The resulting isoform (4) is shorter at the N-terminus and lacks an alternate internal segment compared to isoform 1.