

Product datasheet for **RG226786**

NFKBIL1 (NM_001144962) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFKBIL1 (NM_001144962) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NFKBIL1
Synonyms:	IKBL; NFKBIL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG226786 representing NM_001144962 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAGTAACCCCTCCCCCAGGTTCCAGAGGAAGAAGCCTCCACATCTGTCTGCCGGCCCAAGAGTTCCA
 TGGCCTCCACTTCCCGCCGCAACGCCGAGAACGTCGCTTTCGTCGTTACTTGTCTGCAGGACGGCTGGT
 CCGGGCCAGGCCCTCTCCAGCGACACCCAGGCCTCGATGTAGATGCTGGGAGCCCCACCACTGCAC
 CGGGCCTGTGCCCGCCACGATGCCCTGCCCTGTGCCTGCTGCTCGGCTCGGGGCTGACCTGCCACC
 AGGACCGCCATGGGACACGGCACTGCATGCTGCTGCCCGCCAGGGCCAGATGCCTACACCGATTCTT
 CCTCCCGCTGCTAAGCCGCTGTCCCTCCGCCATGGGAATAAAGAATAAGGATGGGAGACCCCTGGCCAA
 ATTTTGGGCTGGGACCCCTGGGATTCTGCTGAAGAGGAGGAAGAAGATGATGCCTCCAAGGAGCGGG
 AATGGAGACAGAACTCCAGGCTGAGCTGGAGGACGAGTGGCAGGAAGTCATGGGAGGTTTGAAGGTGA
 TGCCTCCCATGAAACCCAGGAACCTGATCCTTCTCAGCCTGGTCAGATCGCCTGGCCCGGGAACATGCC
 CAGAAGTGCCAGCAGCAGCAGCAGAGAAGCAGAGGGATCCTGTGACCCCCACGTGCTGAGGGCTCCAGCC
 AGAGCTGGCGACAGCAGGAGGAGGAGCAGCGGCTCTTCAGGGAGCGAGCCGGGCCAAGGAGGAAGAGCT
 GCGTGAGAGCCGAGCCAGGAGGGCGCAGGAGGCTCTAGGGGACCGAGAACCAAGCCAACAGGGCCGGG
 CCCAGGGAAGAGCACCCAGAGGAGCGGGAGGGGCAGCCTCTGGCGATTGGTGATGTGCCCTGGCCCT
 GCCCTGGGGAGGGGACCCAGAGGCCATGGCTGCAGCCCTGGTGGCCAGGGGCCCCCTTTGGAGGAACA
 GGGGGCTCTGAGGAGTACTTGAGGGTCCAGCAGTCCGCTGGCACCCCTGACCGTTCTCTCAGCGATTTC
 CGAAGCCAGATTGAGACCTGGGAGCTGGGCCGTGTATGGGAGCAGTGACAGCCCTTCTCAGGCCCTGA
 ATCGCCATGCAGAGGCCCTCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG226786 representing NM_001144962
 Red=Cloning site Green=Tags(s)

MSNPSPQVPEEEASTVSCRPKSSMASTRRQRRERRFRRLYSAGRLVRAQALLQRHPGLDVGQPPPLH
 RACARHDAPALCLLLRLGADPAHQDRHGDALHAAARQGPDAYTDFLPLLSRCPSAMGIKNKDGETPGQ
 ILGWGPPWDSAAAAEEDDASKEREWRQKLQGELEDEWQEVMGREFGDASHETQEPEFSAWSDLAREHA
 QKCQQQREAEGSCRPPRAEGSSQSWRQEEEQRLFRERARAKEEELRESRARRAQEALGDREPKPTRAG
 PREEHPRGAGRGSLLWRFQVWPWPCPGGDPPEAMAAALVARGPPLLEEQGALRRYL RVQQVRWHPDRFLQRF
 RSQIETWELGRVMGAVTALSQALNRHAEALK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001144962

ORF Size: 1074 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001144962.1, NP_001138434.1

RefSeq Size: 1457 bp

RefSeq ORF: 1077 bp

Locus ID: 4795

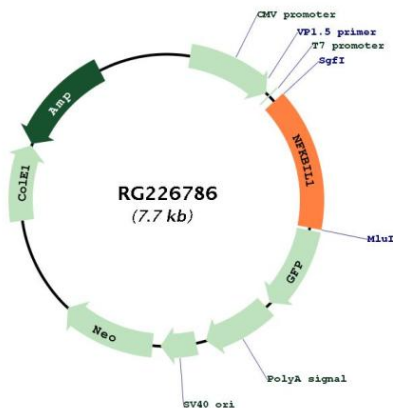
UniProt ID: Q9UBC1

Cytogenetics: 6p21.33

Protein Families: Transcription Factors

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]

Product images:



Circular map for RG226786