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Product datasheet for SC209223

NFKB1 (NM_001165412) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: NFKB1 (NM_001165412) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: NFKB1

Synonyms: CVID12; EBP-1; KBF1; NF-kappa-B1; NF-kappaB; NF-kappabeta; NF-kB; NF-kB1; NFkappaB; NFKB-p50; NFKB-p105

ACCN: NM_001165412

Insert Size: 738 bp

Insert Sequence:

>SC209223 3'UTR clone of NM_001165412
The sequence shown below is from the reference sequence of NM_001165412. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGAAGGACCTCTAGAAGGCAAAATTTAGCCTGCTGACAATTTCCCACACCGTGTAAACCAAAGCCCT
AAAATTCCACTGCGTTGTCCACAAGACAGAAGCTGAAGTGCATCCAAAGGTGCTCAGAGAGCCGGCCCG
CCTGAATCATTCTCGATTTAACTCGAGACCTTTTCAACTTGGCTTCCTTTCTTGGTTCATAAATGAATT
TTAGTTTGGTTCACTTACAGATAGTATCTAGCAATCACAACACTGGCTGAGCGGATGCATCTGGGGATG
AGGTTGCTTACTAAGCTTTGCCAGCTGCTGCTGGATCACAGCTGCTTTCTGTTGTCATTGCTGTTGTCC
CTCTGCTACGTTCCTATTGTCATTAAAGGTATCACGGTCGCCACCTGGCATTCCTTCTGACCACAGCAT
CATTTTGCATTCAAATTAAGGGTTAAGAAAAGAGATATTTTAAAATGAGAGTCACTTGATGTGCCATTT
TAAAAAAAAAGGCATATTGCTTTTTCTAATGTGGTTATTTCTCTGATTTGCAAAAAAAAAAAAAAAAAA
AATACTTGTCAATATTTAAACATGGTTACAATCATTGCTGAAAATGGTATTTTCCCCCTTTTCTGCATT
TTGCTATTGTAAATATGTTTTTTAGATCAAATACTTTAAAGGAAAAAATGTTGGATTTATAAATGCTAT
TTTTTATTTTACTTTTATAATAAAAGGAAAAGCAAATTGATGACCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_001165412.2

Summary: This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. NFKB is a critical regulator of the immediate-early response to viral infection. Alternative splicing results in multiple transcript variants encoding different isoforms, at least one of which is proteolytically processed. [provided by RefSeq, Aug 2020]

Locus ID: 4790

MW: 28.7