

## Product datasheet for SC209224

### NFKB1 (NM\_003998) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NFKB1 (NM_003998) Human 3' UTR Clone
Symbol:	NFKB1
Synonyms:	CVID12; EBP-1; KBF1; NF-kappa-B1; NF-kappaB; NF-kappabeta; NF-kB; NF-kB1; NFkappaB; NFKB-p50; NFKB-p105
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003998
Insert Size:	738 bp
Insert Sequence:	<p>&gt;SC209224 3'UTR clone of NM_003998</p> <p>The sequence shown below is from the reference sequence of NM_003998. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CAGGAAGGACCTCTAGAAGGCAAAATTAGCCTGCTGACAATTTCCACACCGTGTAACCAAAGCCCT
AAAATTCCACTGCGTTGTCCACAAGACAGAAGCTGAAGTGCATCCAAAGGTGCTCAGAGAGCCGGCCCG
CCTGAATCATTCTCGATTTAACTCGAGACCTTTCAACTTGGCTTCCTTTCTGGTTCATAAATGAATT
TTAGTTTGGTTCATTACAGATAGTATCTAGCAATCACAACACTGGCTGAGCGGATGCATCTGGGGATG
AGGTTGCTTACTAAGCTTTGCCAGCTGCTGCTGGATCACAGCTGCTTTCTGTTGTCATTGCTGTTGTCC
CTCTGCTACGTTCTATTGTCATTAAAGGTATCACGGTCGCCACCTGGCATTCTTCTGACCACAGCAT
CATTTTGCATTCAAATTAAGGGTTAAGAAAAGAGATATTTTAAATGAGAGTCACTTGATGTGCCATTT
TAAAAAAAAGGCATATTGCTTTTTCTAATGTGGTTATTTCTCTGATTTGCAAAAAAAAAAAAAAAAAA
AATACTTGTAATATTTAAACATGGTTACAATCATTGCTGAAAATGGTATTTTCCCTTTTCTGCATT
TTGCTATTGTAATATGTTTTTATAGTCAAATACTTTAAAGGAAAAATGTTGGATTATATAATGCTAT
TTTTTATTTTACTTTTATAATAAAGGAAAAGCAAATTGATGACCTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI


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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_003998.4</a></u>
<b>Summary:</b>	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]
<b>Locus ID:</b>	4790
<b>MW:</b>	28.7