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Product datasheet for SC201571

NFkB p100 / p52 (NFKB2) (NM_002502) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFkB p100 / p52 (NFKB2) (NM_002502) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NFKB2
Synonyms:	CVID10; H2TF1; LYT-10; LYT10; NF-kB2; p49/p100; p52; p100
ACCN:	NM_002502
Insert Size:	178 bp
Insert Sequence:	>SC201571 3'UTR clone of NM_002502 The sequence shown below is from the reference sequence of NM_002502. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CACGGGCACCCCCAGCCTCAGGTGCACTGACCTGCTGCCTGCCCCCAGCCCCCTTCCCGGACCCCCTGT ACAGCGTCCCCACCTATTTCAAATCTTATTTAACACCCCACACCCACCCCTCAGTTGGGACAAATAAAG GATTCTCATGGGAAGGGGAGGACCCCTCCTTCCCAACTTA 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).
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_002502.6

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Summary: This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

Locus ID: 4791

MW: 6.2