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Product datasheet for RC213313L1V

NFkB p100 / p52 (NFKB2) (NM_002502) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NFkB p100 / p52 (NFKB2) (NM_002502) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NFkB p100 / p52
Synonyms:	CVID10; H2TF1; LYT-10; LYT10; NF-kB2; p49/p100; p52; p100
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002502
ORF Size:	2697 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC213313).`
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.
RefSeq:	NM_002502.2
RefSeq Size:	3001 bp
RefSeq ORF:	2700 bp
Locus ID:	4791
UniProt ID:	Q00653
Cytogenetics:	10q24.32
Domains:	RHD, DEATH, ANK, IPT
Protein Families:	Transcription Factors

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Protein Pathways: MAPK signaling pathway, Pathways in cancer

MW: 96.7 kDa

Gene 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]