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Product datasheet for RC214683L3V

IKB epsilon (NFKBIE) (NM_004556) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IKB epsilon (NFKBIE) (NM_004556) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NFKBIE
Synonyms:	IKBE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004556
ORF Size:	1500 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214683).
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_004556.2, NP_004547.2
RefSeq Size:	2581 bp
RefSeq ORF:	1086 bp
Locus ID:	4794
UniProt ID:	O00221
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways:	Adipocytokine signaling pathway, B cell receptor signaling pathway, Neurotrophin signaling pathway, T cell receptor signaling pathway
MW:	52.7 kDa
Gene Summary:	The protein encoded by this gene binds to components of NF-kappa-B, trapping the complex in the cytoplasm and preventing it from activating genes in the nucleus. Phosphorylation of the encoded protein targets it for destruction by the ubiquitin pathway, which activates NF-kappa-B by making it available to translocate to the nucleus. [provided by RefSeq, Sep 2011]