

Product datasheet for **RC202182L4V**

IKB beta (NFKBIB) (NM_002503) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IKB beta (NFKBIB) (NM_002503) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IKB beta
Synonyms:	IKBB; TRIP9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002503
ORF Size:	1068 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202182).
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_002503.3
RefSeq Size:	1243 bp
RefSeq ORF:	1071 bp
Locus ID:	4793
UniProt ID:	Q15653
Cytogenetics:	19q13.2
Domains:	ANK
Protein Families:	Stem cell - Pluripotency, Transcription Factors



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Protein Pathways: Adipocytokine signaling pathway, B cell receptor signaling pathway, Chemokine signaling pathway, Cytosolic DNA-sensing pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, RIG-I-like receptor signaling pathway, T cell receptor signaling pathway

MW: 37.8 kDa

Gene Summary: The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2011]