

Product datasheet for **MR205491L4V**

Nfkbib (NM_010908) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nfkbib (NM_010908) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nfkbib
Synonyms:	I(Kappa)B(beta); I-kappa-B-beta; Ik; IKapp; IKappaBbeta; IkB; ikB-B; IKB-beta; IkBb; NF-kappa-BIB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010908
ORF Size:	1080 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205491).
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_010908.4 , NP_035038.2
RefSeq Size:	1945 bp
RefSeq ORF:	1080 bp
Locus ID:	18036
UniProt ID:	Q60778
Cytogenetics:	7 B1


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Gene Summary:

This gene encodes an inhibitor of nuclear factor kappa-light-chain-enhancer of activated B cells (NF-kappaB). The encoded protein prevents NF-kappaB-mediated transcription activation by sequestering it in the cytosol. In response to signals that induce NF-kappaB, such as cytokines and growth factors, the encoded protein undergoes phosphorylation, triggering its rapid ubiquitination and proteasomal degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]