

## Product datasheet for **MR227217L3V**

### **Ikbkg (NM\_001161421) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Product Name:</b>	Ikbkg (NM_001161421) Mouse Tagged ORF Clone Lentiviral Particle
<b>Symbol:</b>	Ikbkg
<b>Synonyms:</b>	1110037D23Rik; AI848108; AI851264; AW124339; IKK[g]; NEMO
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
<b>Tag:</b>	Myc-DDK
<b>ACCN:</b>	NM_001161421
<b>ORF Size:</b>	1287 bp
<b>ORF Nucleotide Sequence:</b>	The ORF insert of this clone is exactly the same as(MR227217).
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_001161421.1</a>
<b>RefSeq Size:</b>	6915 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	16151
<b>Cytogenetics:</b>	X A7.3



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**Gene Summary:**

Regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Its binding to scaffolding polyubiquitin seems to play a role in IKK activation by multiple signaling receptor pathways. Also considered to be a mediator for TAX activation of NF-kappa-B. Could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys-27'-linked polyubiquitination.[UniProtKB/Swiss-Prot Function]