

Product datasheet for **MR218193L3V**

Nek11 (NM_172461) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nek11 (NM_172461) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nek11
Synonyms:	4932416N14Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172461
ORF Size:	1884 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218193).
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_172461.3 , NP_766049.2
RefSeq Size:	2625 bp
RefSeq ORF:	1887 bp
Locus ID:	208583
UniProt ID:	Q8C0Q4
Cytogenetics:	9 F1



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Gene Summary:

Protein kinase which plays an important role in the G2/M checkpoint response to DNA damage. Controls degradation of CDC25A by directly phosphorylating it on residues whose phosphorylation is required for BTRC-mediated polyubiquitination and degradation.
[UniProtKB/Swiss-Prot Function]