

Product datasheet for **RR213310L3V**

Nek7 (NM_001108346) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nek7 (NM_001108346) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Nek7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001108346
ORF Size:	906 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213310).
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_001108346.2 , NP_001101816.1
RefSeq Size:	909 bp
RefSeq ORF:	909 bp
Locus ID:	360850
UniProt ID:	D3ZBE5
Cytogenetics:	13q13
Gene Summary:	Protein kinase which plays an important role in mitotic cell cycle progression. Required for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. Phosphorylates RPS6KB1. releasing the autoinhibitory function of Tyr-97 (By similarity).[UniProtKB/Swiss-Prot Function]



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