

Product datasheet for **RC208003L4V**

NEK10 (NM_001031741) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NEK10 (NM_001031741) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NEK10
Synonyms:	CILD44
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001031741
ORF Size:	1422 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208003).
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_001031741.1 , NP_001026911.1
RefSeq Size:	2085 bp
RefSeq ORF:	1425 bp
Locus ID:	152110
UniProt ID:	Q6ZWH5
Cytogenetics:	3p24.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	53.1 kDa



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Gene Summary:

Plays a role in the cellular response to UV irradiation. Mediates G2/M cell cycle arrest, MEK autoactivation and ERK1/2-signaling pathway activation in response to UV irradiation. [UniProtKB/Swiss-Prot Function]