

Product datasheet for **RC201960L2V**

NCKAP1 (NM_013436) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NCKAP1 (NM_013436) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NCKAP1
Synonyms:	HEM2; NAP1; NAP125; p125Nap1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_013436
ORF Size:	3384 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201960).
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_013436.3
RefSeq Size:	4997 bp
RefSeq ORF:	3387 bp
Locus ID:	10787
UniProt ID:	Q9Y2A7
Cytogenetics:	2q32.1
Protein Families:	Druggable Genome
Protein Pathways:	Regulation of actin cytoskeleton


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MW: 128.8 kDa

Gene Summary: Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes.[UniProtKB/Swiss-Prot Function]