

Product datasheet for RR202787L4

Nckap1l (NM_001108119) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids		
Product Name:	Nckap1l (NM_001108119) Rat Tagged Lenti ORF Clone		
Tag:	mGFP		
Symbol:	Nckap1l		
Synonyms:	Hem1		
Mammalian Cell Selection:	Puromycin		
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)		
E. coli Selection:	Chloramphenicol (34 ug/mL)		
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202787).		
Restriction Sites:	Sgfl-Mlul		
Cloning Scheme:			
-	Cloning sites used for ORF Shuttling:		
	Sgf I ORF Mlu I GCG ATC GC ATG // NNÑ ACG CGT		

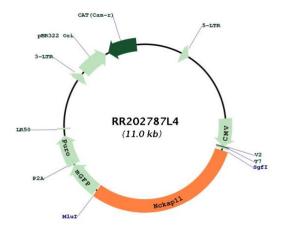
			Kozak Consensus	
EcoR I	BamH I	RBS	Sgf I	ORF
CTATAGGGCGGCCGGGAATTCGTC	GACTGGATCC	GTACCGAGGAGA	TCTGCCGCCGCGATCG	C ATG
	Mlul	Notl_Xh	ol mGFP1	lag
NNÑ			GAG ATG AGC GGG	
	TRT	RPL	EMSG	G
GGA CTC AGA GTT TGO	5 GTA GGA AGC			

* The last codon before the Stop codon of the ORF.



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Plasmid Map:



ACCN:	NM_001108119
ORF Size:	3318 bp
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 001108119.1, NP 001101589.1</u>
RefSeq Size:	4623 bp
RefSeq ORF:	3321 bp

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	Nckap1l (NM_001108119) Rat Tagged Lenti ORF Clone – RR202787L4	
Locus ID:	315348	
Cytogenetics:	7q36	

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