

# Product datasheet for RR214017L4

### Rab13 (NM\_031092) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Rab13 (NM_031092) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Rab13					
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 thi	s clone	is exac	tly the sa	ame as(RR214017).
<b>Restriction Sites:</b>	Sgfl-RsrII					
Cloning Scheme:						
		Se	g used for ORF Shu	ORF	Rsr II  C GGA CCG	
					Kozak Consensus	
		EcoR I	BamHl	RBS	Sgf I	ORF

CTATAGGGCGGCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCGCCGCGACGCC C ATG ··· ··· ··· <u>RsrII</u> <u>MluI</u> <u>NotI</u> <u>XhoI</u> mGFP Tag ··· ··· NNN AGC GGA CCG ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC ··· ·· ·· ··· ··· ··· S G P T R T R P L E <u>M S G G · · · ·</u>



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

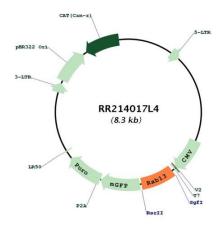
ACCN: ORF Size: NM\_031092 609 bp



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	I3 (NM_031092) Rat Tagged Lenti ORF Clone – RR214017L4
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 Metho	<ul> <li>d: 1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. 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.</li> </ul>
RefSeq:	<u>NM 031092.1, NP 112354.1</u>
RefSeq Size:	759 bp
RefSeq ORF:	612 bp
Locus ID:	81756
UniProt ID:	<u>P35286</u>
Cytogenetics:	2q34
Gene Summary:	may regulate neurotransmitter release [RGD, Feb 2006]

# **Product images:**



Circular map for RR214017L4

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