

# Product datasheet for RR210082L4

## Ralb (NM\_053821) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids								
Product Name:	Ralb (NM_053821) Rat Tagged Lenti ORF Clone								
Tag:	mGFP								
Symbol:	Ralb								
Synonyms:	dRalb								
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(RR210082).								
<b>Restriction Sites:</b>	Sgfl-Mlul								
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF MIU I GCG ATC GC ATG// NNŇ ACG CGT								

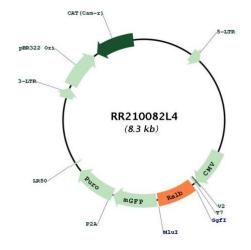
									Koza	ak nsus	_			
EcoR I		Bam	нı		RE	35			S	gf I			0	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGA	ccGe	ТАСС	GAG	GAGA	тстб	ccgc	cGCG	ATCG	C C A	TG	 	
	Mlu I			Noti <u>Xhoi</u>				mGFP Tag						
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G	- :-	 - ; ;	
GGA CTC AGA GTT TGG G L R V	G GTA	GGA	AGC											

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



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#### Plasmid Map:



ACCN:	NM_053821
ORF Size:	618 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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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> </ol>
RefSeq:	<u>NM 053821.2, NP 446273.1</u>
RefSeq Size:	2265 bp
RefSeq ORF:	621 bp

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	alb (NM_053821) Rat Tagged Lenti ORF Clone – RR210082L4						
Locus ID:	116546						
UniProt ID:	<u>P36860</u>						
Cytogenetics:	13q11						
Gene Summary:	putative GTP binding protein [RGD, Feb 2006]						

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