

Product datasheet for RR209426L4

Irf9 (NM_001012041) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Irf9 (NM_001012041) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Irf9					
Synonyms:	lsgf3g					
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(RR209426).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
	Cloning sites used for ORF Shuttling: Sgf I ORF MIU I GCG ATC GCC ATG // NNŇ ACG CGT					

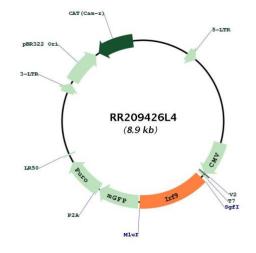
							Koza	ak Isus	_				
EcoR I	Bam	HI	RE	s			S	gf I				01	RF
CTATAGGGCGGCCGGGAATTCGTC	GACTGGA	TCCGGTAC	CGAGO	GAGA	тстб	CCGC	caca	ATCG	C C A	TG -			
	Mlu I		Not I	VL				CED.	Tag				
					mGFP Tag								
NNŇ	ACG CGT	ACG CG	G CCG	стс	GAG	ATG	AGC	GGG	GGC				
	TR	TR	Р	L	E	м	s	G	G	-	-		-
GGA CTC AGA GTT TGG G L R V	i GTA GGA	AGC											

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



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Plasmid Map:



ACCN:	NM_001012041
ACCN.	NM_001012041
ORF Size:	1194 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 001012041.1, NP 001012041.1</u>
RefSeq Size:	1630 bp
RefSeq ORF:	1197 bp

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	lrf9 (NM_001012041) Rat Tagged Lenti ORF Clone – RR209426L4	
Locus ID:	305896	
Cytogenetics:	15p13	

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