

Product datasheet for RR210696L4

Flcn (NM_199390) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Flcn (NM_199390) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Flcn					
Synonyms:	Bhd					
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(RR210696).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF MIU I GCG ATC GC ATG// NNŇ ACG CGT					

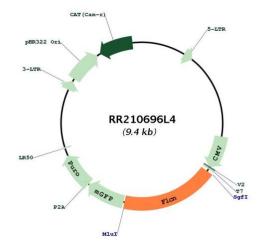
								_	Koza Conse	ak nsus	_				
EcoR I		Bam	н		RE	35			s	gf I				0	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGA	ccGe	ТАСС	GAG	GAGA	тстб	ccgc	cGCG	ATCG	C C A	TG			
	Mlul		_	^	Not I		Xho I		m	Tag					
NNŇ	ACG		ACG			стс			AGC	GGG					
	т	R	Т	R	Р	L	Е	м	S	G	G	-	-	-	-
GGA CTC AGA GTT TGG	GTA	GGA	AGC												

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



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Plasmid Map:



ACCN:	NM_199390
ORF Size:	1737 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 199390.2, NP 955422.1</u>
RefSeq Size:	2987 bp
RefSeq ORF:	1740 bp

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	Flcn (NM_199390) Rat Tagged Lenti ORF Clone – RR210696L4
Locus ID:	303185
UniProt ID:	<u>Q76JQ2</u>
Cytogenetics:	10q22
Gene Summary:	a possible tumor suppressor gene associated with hereditary renal carcinoma [RGD, Feb 2006]

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