

# Product datasheet for RR206583L4

### Fap (NM\_138850) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	Fap (NM_138850) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Fap
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(RR206583).
<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
	Kozak consensus           EcoR I         BamH I         RBS         Sgf I         ORF           CTATAGGGCGGCGGGGAATTCGTCGCACCGAGGAGATCTGCCGCCGCCGCGATCGC C         ATG         ATG         ATG

 Mlu I
 Not I
 Xho I
 mGFP Tag

 ...
 ...
 NNN
 ACG CGT ACG CGG CCG CTC GAG
 ATG AGC GGG GGC ...

 T
 R
 T
 R
 P
 L
 E

 M
 S
 G
 G



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

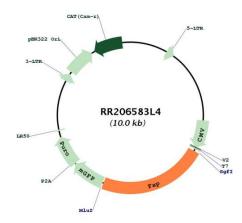
ACCN: ORF Size: NM\_138850 2283 bp



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

GENE Fap (NM_138850) Rat Tagged Lenti ORF Clone – RR206583L4	
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 138850.1, NP 620205.1</u>
RefSeq Size:	2293 bp
RefSeq ORF:	2286 bp
Locus ID:	192203
Cytogenetics:	3q21
Gene Summary:	plays a role in liver disease, T cell costimulation, chemokine biology, type II diabetes, and tumor biology [RGD, Feb 2006]

## Product images:



Circular map for RR206583L4

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US