

# Product datasheet for RR210194L4

## Agps (NM\_053350) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Agps (NM_053350) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Agps						
Synonyms:	Adap-s; Adps; Ads						
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(RR210194).						
<b>Restriction Sites:</b>	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf i ORF Mlu i						
	<mark>GCG ATC GC</mark> C <mark>ATG // NNŇ</mark> ACG CGT						

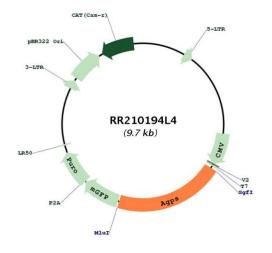
									Koza Conse	ak nsus	_				
EcoR I		Bam	нı		RI	35			S	gf I				OF	۲F
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGA	rccGe	ТАСС	GAG	GAGA	тстб	ccgc	caca	ATCG	C C AT	rg			
	м	lu I	_	,	lot I	_xI	no I		m	GFP	Гаg				
NNŇ	ACG		ACG			стс	GAG		AGC						
	Т	R	Т	R	Ρ	L	E	м	5	G	G	-	-	-	<u> </u>
GGA CTC AGA GTT TGG	G GTA	GGA	AGC												

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



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#### Plasmid Map:



ACCN:	NM_053350
ORF Size:	2010 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 053350.2, NP 445802.2</u>
RefSeq Size:	2144 bp
RefSeq ORF:	2013 bp

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	Agps (NM_053350) Rat Tagged Lenti ORF Clone – RR210194L4
Locus ID:	84114
UniProt ID:	Q9EQR2
Cytogenetics:	3q23
Gene Summary:	Catalyzes the exchange of an acyl for a long-chain alkyl group and the formation of the ether bond in the biosynthesis of ether phospholipids.[UniProtKB/Swiss-Prot Function]

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