

Product datasheet for RR211957L4

Gng11 (NM_022396) 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:	Gng11 (NM_022396) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Gng11					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGF	P-P2A-P	uro (PS10)0093)		
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF inser	t of th	is clone	is exac	tly the sa	ame as(RR211957).
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
		Cloning si	tes used for ORF Sh	uttling:		
			Sgf I GCG ATC GCC ATG	ORF i // NNŇ	Mlu I ACG CGT	
					Kozak Consensus	
		EcoR I	BamH I	RBS	Sgf I	ORF
CTATAGGGGGGCCGGGAATTCGTCGACTGGATCCGGTGCGAGGAGATCTGCCGCCGCGATCGC C						

 Mlu I
 Not I
 Xho I
 mGFP Tag

 ...
 ...
 ...
 ...
 ...

 T
 R
 T
 R
 CG CG CC CT CAG
 AGG GG GGC ----

 T
 R
 T
 R
 P
 L
 E

 M
 S
 G
 G
 -<---</td>

--- GGA CTC AGA GTT TGG GTA GGA AGC

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

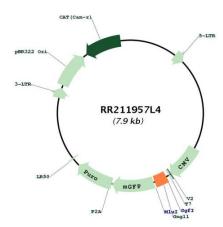
ACCN: ORF Size: NM_022396 219 bp



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

Gine Ging11	(NM_022396) Rat Tagged Lenti ORF Clone – RR211957L4
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 022396.2, NP 071791.1</u>
RefSeq Size:	1833 bp
RefSeq ORF:	222 bp
Locus ID:	64199
UniProt ID:	<u>P61954</u>
Cytogenetics:	4q13
Gene Summary:	human homolog is a G protein gamma subunit [RGD, Feb 2006]

Product images:



Circular map for RR211957L4

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