

# Product datasheet for MR201631L3

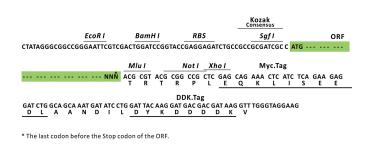
# Rgs5 (NM\_009063) Mouse Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Rgs5 (NM_009063) Mouse Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Rgs5
Synonyms:	1110070A02Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201631).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Cloning sites used for OKF Shuttling:
	Sgf I         ORF         Mlu I           GCG ATC GC         ATG // NNÑ         ACG CGT



ACCN: ORF Size: NM\_009063 546 bp

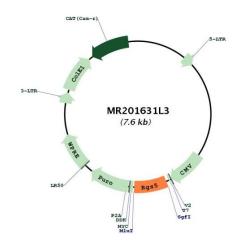
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<b>ORIGENE</b> Rgs5 (I	NM_009063) Mouse Tagged Lenti ORF Clone – MR201631L3
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same 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 009063.2</u>
RefSeq Size:	1809 bp
RefSeq ORF:	546 bp
Locus ID:	19737
UniProt ID:	<u>008850</u>
Cytogenetics:	1 76.84 cM
Gene Summary:	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha.[UniProtKB/Swiss-Prot Function]

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# **Product images:**



Circular map for MR201631L3

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