

## Product datasheet for **MR202147L3V**

### **Rgs4 (NM\_009062) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Rgs4 (NM_009062) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rgs4
Synonyms:	AA004315; AA597169; ESTM48; ESTM50
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009062
ORF Size:	618 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202147).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_009062.2</a>
RefSeq Size:	2952 bp
RefSeq ORF:	618 bp
Locus ID:	19736
UniProt ID:	<a href="#">O08899</a>
Cytogenetics:	1 76.84 cM



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**Gene Summary:**

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(z)-alpha is inhibited by phosphorylation of the G-protein. Activity on G(z)-alpha and G(i)-alpha-1 is inhibited by palmitoylation of the G-protein (By similarity).[UniProtKB/Swiss-Prot Function]