

Product datasheet for **MR202389L4V**

Rgs19 (NM_026446) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rgs19 (NM_026446) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rgs19
Synonyms:	2610042F04Rik; AI324841; AW547781; GAIP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026446
ORF Size:	651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202389).
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. More info
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:	NM_026446.2 , NP_080722.1
RefSeq Size:	1514 bp
RefSeq ORF:	651 bp
Locus ID:	56470
UniProt ID:	Q9CX84
Cytogenetics:	2 103.72 cM



[View online »](#)

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-alpha subfamily 1 members, with the order G(i)a3 > G(i)a1 > G(o)a >> G(z)a/G(i)a2. Activity on G(z)-alpha is inhibited by phosphorylation and palmitoylation of the G-protein (By similarity).
[UniProtKB/Swiss-Prot Function]