

Product datasheet for **MR202050L3V**

Rgs16 (NM_011267) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rgs16 (NM_011267) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rgs16
Synonyms:	Rgs14; Rgsr
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011267
ORF Size:	606 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202050).
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_011267.1
RefSeq Size:	2351 bp
RefSeq ORF:	606 bp
Locus ID:	19734
UniProt ID:	P97428
Cytogenetics:	1 65.43 cM



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Gene Summary:

Regulates G protein-coupled receptor signaling cascades (PubMed:9079700). Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form (PubMed:10373502). Plays an important role in the phototransduction cascade by regulating the lifetime and effective concentration of activated transducin alpha (PubMed:8917514). May regulate extra and intracellular mitogenic signals. [UniProtKB/Swiss-Prot Function]