

Product datasheet for **RC224508L3V**

RGS12 (NM_198229) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RGS12 (NM_198229) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RGS12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_198229
ORF Size:	4341 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224508).
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_198229.1 , NP_937872.1
RefSeq Size:	5492 bp
RefSeq ORF:	4344 bp
Locus ID:	6002
UniProt ID:	O14924
Cytogenetics:	4p16.3
Protein Families:	Druggable Genome
MW:	156.2 kDa



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Gene Summary:

This gene encodes a member of the 'regulator of G protein signaling' (RGS) gene family. The encoded protein may function as a guanosine triphosphatase (GTPase)-activating protein as well as a transcriptional repressor. This protein may play a role in tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]