

Product datasheet for **MR215445L3V**

Rgs6 (NM_015812) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rgs6 (NM_015812) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rgs6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015812
ORF Size:	1419 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215445).
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_015812.3 , NP_056627.1
RefSeq Size:	2626 bp
RefSeq ORF:	1419 bp
Locus ID:	50779
UniProt ID:	Q9Z2H2
Cytogenetics:	12 38.14 cM



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Gene Summary:

This gene encodes a member of the RGS (regulator of G protein signaling) family of proteins, which are defined by the presence of a RGS domain that confers the GTPase-activating activity of these proteins toward certain G alpha subunits. This protein also belongs to a subfamily of RGS proteins characterized by the presence of DEP (Dishevelled, Egl-10, and Pleckstrin) and GGL (G-protein gamma like) domains, the latter a G beta 5-interacting domain. The RGS proteins negatively regulate G protein signaling, and may modulate neuronal, cardiovascular, lymphocytic activities, and cancer risk. Mice lacking this gene exhibit decreased heart rate. Alternative splicing results in multiple transcript variants, however, the full-length nature of some of these variants is not known. [provided by RefSeq, Sep 2015]