Product datasheet for RC206857L3V

RGS5 (NM_003617) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RGS5 (NM_003617) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RGS5
Synonyms:	MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003617
ORF Size:	543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206857).
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_003617.2
RefSeq Size:	5927 bp
RefSeq ORF:	546 bp
Locus ID:	8490
UniProt ID:	O15539
Cytogenetics:	1q23.3
Domains:	RGS
Protein Families:	Druggable Genome

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MW: 20.9 kDa

Gene Summary: This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Dec 2011]