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Product datasheet for RC230513L4V

RIM1 (RIMS1) (NM_001168408) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RIM1 (RIMS1) (NM_001168408) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RIM1
Synonyms:	CORD7; RAB3IP2; RIM; RIM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001168408
ORF Size:	2451 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230513).
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_001168408.1
RefSeq ORF:	2454 bp
Locus ID:	22999
UniProt ID:	Q86UR5
Cytogenetics:	6q13
MW:	92 kDa

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Gene Summary: The protein encoded by this gene is a RAS gene superfamily member that regulates synaptic vesicle exocytosis. This gene also plays a role in the regulation of voltage-gated calcium channels during neurotransmitter and insulin release. Mutations have suggested a role cognition and have been identified as the cause of cone-rod dystrophy type 7. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Mar 2012]