

Product datasheet for **RC205698L4V**

Rab9 (RAB9A) (NM_004251) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab9 (RAB9A) (NM_004251) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rab9
Synonyms:	RAB9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004251
ORF Size:	603 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205698).
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_004251.3
RefSeq Size:	1377 bp
RefSeq ORF:	606 bp
Locus ID:	9367
UniProt ID:	P51151
Cytogenetics:	Xp22.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome



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MW: 22.8 kDa

Gene Summary: Involved in the transport of proteins between the endosomes and the trans Golgi network. Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.[UniProtKB/Swiss-Prot Function]