Product datasheet for RC201640L2V

RAB1A (NM_004161) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAB1A (NM_004161) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAB1A
Synonyms:	RAB1; YPT1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004161
ORF Size:	615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201640).
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_004161.3
RefSeq Size:	2648 bp
RefSeq ORF:	618 bp
Locus ID:	5861
UniProt ID:	P62820
Cytogenetics:	2p14
Domains:	ras, RAN, RAS, RHO, RAB, ARF
Protein Families:	Druggable Genome

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MW: 22.7 kDa

Gene Summary: This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms. [provided by RefSeq, Oct 2008]