

Product datasheet for **RC204426L2V**

Rabex5 (RABGEF1) (NM_014504) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rabex5 (RABGEF1) (NM_014504) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rabex5
Synonyms:	rabex-5; RABEX5; RAP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014504
ORF Size:	1473 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204426).
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_014504.1
RefSeq Size:	3832 bp
RefSeq ORF:	1476 bp
Locus ID:	27342
UniProt ID:	Q9UJ41
Cytogenetics:	7q11.21
Domains:	zf-A20, VPS9
MW:	56.9 kDa


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Gene Summary:

RABGEF1 forms a complex with rabaptin-5 (RABPT5; MIM 603616) that is required for endocytic membrane fusion, and it serves as a specific guanine nucleotide exchange factor (GEF) for RAB5 (RAB5A; MIM 179512) (Horiuchi et al., 1997 [PubMed 9323142]).[supplied by OMIM, Mar 2010]