Product datasheet for RC230602L4V

RAB3GAP1 (NM_001172435) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAB3GAP1 (NM_001172435) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAB3GAP1
Synonyms:	P130; RAB3GAP; RAB3GAP130; WARBM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001172435
ORF Size:	2964 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230602).
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_001172435.1
RefSeq ORF:	2967 bp
Locus ID:	22930
UniProt ID:	Q15042
Cytogenetics:	2q21.3
MW:	111.7 kDa

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Gene Summary: This gene encodes the catalytic subunit of a Rab GTPase activating protein. The encoded protein forms a heterodimer with a non-catalytic subunit to specifically regulate the activity of members of the Rab3 subfamily of small G proteins. This protein mediates the hydrolysis of GTP bound Rab3 to the GDP bound form. Mutations in this gene are associated with Warburg micro syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]