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Product datasheet for RC201922L3V

RAB23 (NM_016277) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAB23 (NM_016277) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAB23
Synonyms:	HSPC137
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016277
ORF Size:	711 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201922).`
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_016277.3
RefSeq Size:	4837 bp
RefSeq ORF:	714 bp
Locus ID:	51715
UniProt ID:	Q9ULC3
Cytogenetics:	6p12.1-p11.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome

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Protein Pathways: Hedgehog signaling pathway

MW: 26.7 kDa

Gene Summary: This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]