Product datasheet for RC205505L4V

RAB18 (NM_021252) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAB18 (NM_021252) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAB18
Synonyms:	RAB18LI1; WARBM3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021252
ORF Size:	618 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205505).
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_021252.3
RefSeq Size:	5003 bp
RefSeq ORF:	621 bp
Locus ID:	22931
UniProt ID:	Q9NP72
Cytogenetics:	10p12.1
Domains:	ras, RAN, RAS, RHO, RAB, ARF
Protein Families:	Druggable Genome

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MW: 23 kDa

Gene Summary: The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies is zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]