Product datasheet for RC200198L2V

ARL2BP (NM_012106) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARL2BP (NM_012106) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARL2BP
Synonyms:	BART; BART1; RP66
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_012106
ORF Size:	489 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200198).
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_012106.3
RefSeq Size:	2100 bp
RefSeq ORF:	492 bp
Locus ID:	23568
UniProt ID:	Q9Y2Y0
Cytogenetics:	16q13
MW:	18.8 kDa

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Gene Summary: ADP-ribosylation factor (ARF)-like proteins (ARLs) comprise a functionally distinct group of the ARF family of RAS-related GTPases. The protein encoded by this gene binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. The lack of detectable membrane association of this protein or ARL2 upon activation of ARL2 is suggestive of actions distinct from those of the ARFs. This protein is considered to be the first ARL2-specific effector identified, due to its interaction with ARL2.GTP but lack of ARL2 GTPase-activating protein activity. [provided by RefSeq, Jul 2008]