

## Product datasheet for RR201971L4

## Arl2bp (NM\_001024906) Rat Tagged Lenti ORF Clone

## **Product data:**

## OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Arl2bp (NM_001024906) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Arl2bp					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201971).					
<b>Restriction Sites:</b>	Sgfl-Mlul					
Cloning Scheme:	Cloning sites used for ORF Shuttling:       Sgf I     ORF     Mlu I					
	GCG ATC GC ATG NNN ACG CGT					

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EcoR I	1	Bamł	41		RE	s			S	gf I				c	DRF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	ccGG	TACC	GAGO	GAGA	TCTG	CCGC	cGCG	ATCG	сс ат	G -	•••		
	мі	u I			lot I	V	no I			GFP	Tag				
NNŇ	ACG T	CGT R	ACG T					ATG M						• • •	

--- --- GGA CTC AGA GTT TGG GTA GGA AG --- G L R V

\* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM\_001024906 393 bp



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<b>ORIGENE</b> Arl2bp	(NM_001024906) Rat Tagged Lenti ORF Clone – RR201971L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 001024906.1</u>
RefSeq Size:	2038 bp
RefSeq ORF:	396 bp
Locus ID:	498910
UniProt ID:	<u>Q4V8C5</u>
Cytogenetics:	19p13
Gene Summary:	Together with ARL2, plays a role in the nuclear translocation, retention and transcriptional activity of STAT3. May play a role as an effector of ARL2 (By similarity).[UniProtKB/Swiss-Prot Function]

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