

## Product datasheet for **MR206530L4V**

### **Arrdc3 (NM\_001042591) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Arrdc3 (NM_001042591) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arrdc3
Synonyms:	AI450344; mKIAA1376
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042591
ORF Size:	1242 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206530).
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. <a href="#">More info</a>
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:	<a href="#">NM_001042591.1</a> , <a href="#">NP_001036056.1</a>
RefSeq Size:	4102 bp
RefSeq ORF:	1245 bp
Locus ID:	105171
UniProt ID:	<a href="#">Q7TPQ9</a>
Cytogenetics:	13 C2



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**Gene Summary:**

Adapter protein that plays a role in regulating cell-surface expression of adrenergic receptors and probably also other G protein-coupled receptors (PubMed:21982743). Plays a role in NEDD4-mediated ubiquitination and endocytosis of activated ADRB2 and subsequent ADRB2 degradation. May recruit NEDD4 to ADRB2. Alternatively, may function as adapter protein that does not play a major role in recruiting NEDD4 to ADRB2, but rather plays a role in targeting ADRB2 to endosomes.[UniProtKB/Swiss-Prot Function]