

## Product datasheet for **MR202044L4V**

### Arhgdib (NM\_007486) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Arhgdib (NM_007486) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arhgdib
Synonyms:	D4; Gdid; Gdid4; Ly-G; Ly-GDI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007486
ORF Size:	603 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202044).
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_007486.1</a> , <a href="#">NP_031512.1</a>
RefSeq Size:	1202 bp
RefSeq ORF:	603 bp
Locus ID:	11857
UniProt ID:	<a href="#">Q61599</a>
Cytogenetics:	6 G1



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**Gene Summary:**

The protein encoded by this gene is a member of the Rho guanine nucleotide dissociation inhibitor (GDI) family. This gene is expressed at high levels in hematopoietic cells. This protein is cytosolic, and dissociation of Rho from this protein is required for membrane association and activation of Rho by Guanine Nucleotide Exchange Factors (GEFs). C-terminal truncations of this gene product have been reported to promote metastasis. Multiple transcript variants and protein isoforms exist. [provided by RefSeq, Aug 2014]