

Product datasheet for **RC211454L4V**

ARID5B (NM_032199) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ARID5B (NM_032199) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARID5B
Synonyms:	DESRT; MRF-2; MRF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032199
ORF Size:	3564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211454).
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_032199.1
RefSeq Size:	7507 bp
RefSeq ORF:	3567 bp
Locus ID:	84159
UniProt ID:	Q14865
Cytogenetics:	10q21.2
MW:	132.2 kDa



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Gene Summary:

This gene encodes a member of the AT-rich interaction domain (ARID) family of DNA binding proteins. The encoded protein forms a histone H3K9Me2 demethylase complex with PHD finger protein 2 and regulates the transcription of target genes involved in adipogenesis and liver development. This gene also plays a role in cell growth and differentiation of B-lymphocyte progenitors, and single nucleotide polymorphisms in this gene are associated with acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]