

## Product datasheet for **RC208315L4V**

### **BRD9 (NM\_001009877) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BRD9 (NM_001009877) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BRD9
Synonyms:	LAVS3040; PRO9856
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001009877
ORF Size:	1443 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208315).
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_001009877.1</a> , <a href="#">NP_001009877.1</a>
RefSeq Size:	2526 bp
RefSeq ORF:	1635 bp
Locus ID:	65980
UniProt ID:	<a href="#">Q9H8M2</a>
Cytogenetics:	5p15.33
MW:	53.2 kDa



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**Gene Summary:**

Plays a role in chromatin remodeling and regulation of transcription (PubMed:22464331, PubMed:26365797). Acts as a chromatin reader that recognizes and binds acylated histones: binds histones that are acetylated and/or butyrylated (PubMed:26365797). Component of SWI/SNF chromatin remodeling subcomplex GBAF that carries out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed:29374058).[UniProtKB/Swiss-Prot Function]