

## Product datasheet for **RC217768L4V**

### WDR9 (BRWD1) (NM\_001007246) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	WDR9 (BRWD1) (NM_001007246) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WDR9
Synonyms:	C21orf107; DCAF19; N143; WDR9; WRD9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007246
ORF Size:	360 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217768).
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_001007246.2</a> , <a href="#">NP_001007247.1</a>
RefSeq Size:	2653 bp
RefSeq ORF:	363 bp
Locus ID:	54014
UniProt ID:	<a href="#">Q9NSI6</a>
Cytogenetics:	21q22.2
MW:	13.6 kDa



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**Gene Summary:**

This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic acid (GH-WD) residues which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 2 bromodomains and multiple WD repeats. This gene is located within the Down syndrome region-2 on chromosome 21. Alternative splicing of this gene generates multiple transcript variants encoding distinct isoforms. In mouse, this gene encodes a nuclear protein that has a polyglutamine-containing region that functions as a transcriptional activation domain which may regulate chromatin remodelling and associates with a component of the SWI/SNF chromatin remodelling complex.[provided by RefSeq, Jun 2011]