

Product datasheet for **RC217647L3V**

RDM1 (NM_145654) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RDM1 (NM_145654) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RDM1
Synonyms:	RAD52B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_145654
ORF Size:	852 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217647).
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_145654.3
RefSeq Size:	1166 bp
RefSeq ORF:	855 bp
Locus ID:	201299
UniProt ID:	Q8NG50
Cytogenetics:	17q12
MW:	32.1 kDa



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Gene Summary:

This gene encodes a protein involved in the cellular response to cisplatin, a drug commonly used in chemotherapy. The protein encoded by this gene contains two motifs: a motif found in RAD52, a protein that functions in DNA double-strand breaks and homologous recombination, and an RNA recognition motif (RRM) that is not found in RAD52. The RAD52 motif region in RAD52 is important for protein function and may be involved in DNA binding or oligomerization. Alternatively spliced transcript variants encoding different isoforms have been reported. [provided by RefSeq, Jul 2008]