

## Product datasheet for **RC212543L1V**

### **RBM5 (NM\_005778) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RBM5 (NM_005778) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RBM5
Synonyms:	G15; H37; LUCA-15; LUCA15; RMB5
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005778
ORF Size:	2445 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212543).
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_005778.1</a> , <a href="#">NP_005769.1</a>
RefSeq Size:	3135 bp
RefSeq ORF:	2448 bp
Locus ID:	10181
UniProt ID:	<a href="#">P52756</a>
Cytogenetics:	3p21.31
Domains:	G-patch, RRM, zf-RanBP, zf-C2H2
Protein Families:	Druggable Genome



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**MW:** 92 kDa

**Gene Summary:** This gene is a candidate tumor suppressor gene which encodes a nuclear RNA binding protein that is a component of the spliceosome A complex. The encoded protein plays a role in the induction of cell cycle arrest and apoptosis through pre-mRNA splicing of multiple target genes including the tumor suppressor protein p53. This gene is located within the tumor suppressor region 3p21.3, and may play a role in the inhibition of tumor transformation and progression of several malignancies including lung cancer. [provided by RefSeq, Oct 2011]