

## Product datasheet for **RC200933L3V**

### **RUVBL2 (NM\_006666) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RUVBL2 (NM_006666) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RUVBL2
Synonyms:	CGI-46; ECP-51; ECP51; INO80J; REPTIN; RVB2; TAP54-beta; TIH2; TIP48; TIP49B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006666
ORF Size:	1389 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200933).
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_006666.1</a>
RefSeq Size:	1488 bp
RefSeq ORF:	1392 bp
Locus ID:	10856
UniProt ID:	<a href="#">Q9Y230</a>
Cytogenetics:	19q13.33
Domains:	AAA
Protein Families:	Transcription Factors



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**MW:** 51.2 kDa

**Gene Summary:** This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation. [provided by RefSeq, Jul 2008]