

## Product datasheet for **RC201556L4V**

### PRP18 homolog (PRPF18) (NM\_003675) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRP18 homolog (PRPF18) (NM_003675) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRP18 homolog
Synonyms:	hPrp18; PRP18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003675
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201556).
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_003675.3</a>
RefSeq Size:	1711 bp
RefSeq ORF:	1029 bp
Locus ID:	8559
UniProt ID:	<a href="#">Q99633</a>
Cytogenetics:	10p13
Domains:	SFM, Prp18
Protein Pathways:	Spliceosome



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**MW:** 39.9 kDa

**Gene Summary:** Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to the yeast splicing factor Prp18. [provided by RefSeq, Jul 2008]