

## Product datasheet for **RC226388L4V**

### RTL1 (NM\_001134888) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RTL1 (NM_001134888) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RTL1
Synonyms:	HUR1; Mar1; MART1; PEG11; SIRH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134888
ORF Size:	4074 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226388).
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_001134888.1</a>
RefSeq ORF:	4077 bp
Locus ID:	388015
UniProt ID:	<a href="#">A6NKG5</a>
Cytogenetics:	14q32.2
MW:	154.9 kDa



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**Gene Summary:**

This gene is a retrotransposon-derived, paternally expressed imprinted gene that is highly expressed at the late fetal stage in both the fetus and placenta. It has an overlapping maternally expressed antisense transcript, which contains several microRNAs targeting the transcripts of this gene through an RNA interference (RNAi) mechanism. This gene is essential for maintenance of the fetal capillaries. [provided by RefSeq, Jul 2009]