

## Product datasheet for **RC203334L4V**

### RSU1 (NM\_012425) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RSU1 (NM_012425) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSU1
Synonyms:	RSP-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012425
ORF Size:	831 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203334).
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_012425.3</a>
RefSeq Size:	3769 bp
RefSeq ORF:	834 bp
Locus ID:	6251
UniProt ID:	<a href="#">Q15404</a>
Cytogenetics:	10p13
Domains:	LRR, LRR_TYP, LRR_PS
Protein Families:	Druggable Genome



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**MW:** 31.4 kDa

**Gene Summary:** This gene encodes a protein that is involved in the Ras signal transduction pathway, growth inhibition, and nerve-growth factor induced differentiation processes, as determined in mouse and human cell line studies. In mouse, the encoded protein was initially isolated based on its ability to inhibit v-Ras transformation. Multiple alternatively spliced transcript variants for this gene have been reported; one of these variants was found only in glioma tumors. [provided by RefSeq, Jul 2008]