

## Product datasheet for **RC201235L4V**

### ISG15 (NM\_005101) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ISG15 (NM_005101) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ISG15
Synonyms:	G1P2; hUCRP; IFI15; IMD38; IP17; UCRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005101
ORF Size:	495 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201235).
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_005101.1</a>
RefSeq Size:	685 bp
RefSeq ORF:	498 bp
Locus ID:	9636
UniProt ID:	<a href="#">P05161</a>
Cytogenetics:	1p36.33
Domains:	UBQ
Protein Families:	Druggable Genome, Secreted Protein



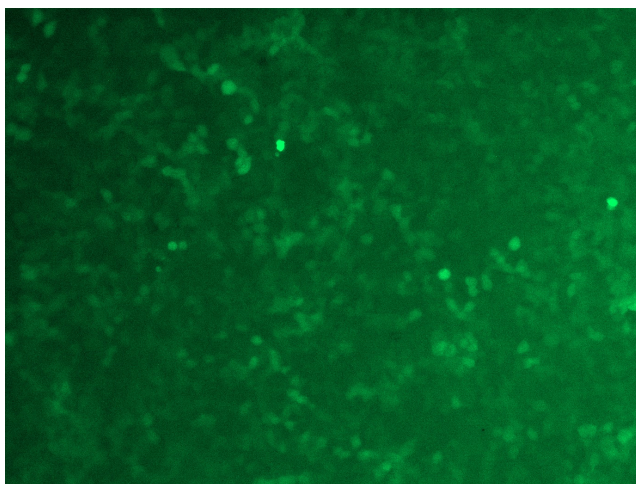
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**Protein Pathways:** RIG-I-like receptor signaling pathway

**MW:** 17.9 kDa

**Gene Summary:** The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]

### Product images:



[RC201235L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC201235L4V particle to overexpress human ISG15-mGFP fusion protein.