

OriGene Technologies, Inc.

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Product datasheet for RC205582L4V

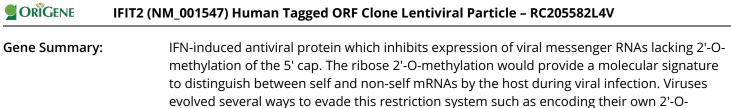
IFIT2 (NM_001547) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | IFIT2 (NM_001547) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | IFIT2 |
| Synonyms: | cig42; G10P2; GARG-39; IFI-54; IFI-54K; IFI54; IFIT-2; ISG-54 K; ISG-54K; ISG54; P54 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001547 |
| ORF Size: | 1452 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205582). |
| 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. <u>More info</u> |
| 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: | <u>NM 001547.3</u> , <u>NP 001538.3</u> |
| RefSeq Size: | 3505 bp |
| RefSeq ORF: | 1419 bp |
| Locus ID: | 3433 |
| UniProt ID: | <u>P09913</u> |
| Cytogenetics: | 10q23.31 |
| Domains: | TPR |
| MW: | 56.2 kDa |



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evolved several ways to evade this restriction system such as encoding their own 2'-Omethylase for their mRNAs or by stealing host cap containing the 2'-O-methylation (cap snatching mechanism). Binds AU-rich viral RNAs, with or without 5' triphosphorylation, RNAbinding is required for antiviral activity. Can promote apoptosis.[UniProtKB/Swiss-Prot Function]

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