

Product datasheet for **RC203320L4V**

IFIT1 (NM_001548) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IFIT1 (NM_001548) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IFIT1
Synonyms:	C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001548
ORF Size:	1434 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203320).
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. More info
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:	NM_001548.3
RefSeq Size:	4396 bp
RefSeq ORF:	1437 bp
Locus ID:	3434
UniProt ID:	P09914
Cytogenetics:	10q23.31
Domains:	TPR
MW:	55.4 kDa



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Gene Summary:

This gene encodes a protein containing tetratricopeptide repeats that was originally identified as induced upon treatment with interferon. The encoded protein may inhibit viral replication and translational initiation. This gene is located in a cluster on chromosome 10 with five other closely related genes. There is a pseudogene for this gene on chromosome 13. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]