

# Product datasheet for RC205877L4

# IFI30 (NM\_006332) Human Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	IFI30 (NM_006332) Human Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	IFI30					
Synonyms:	GILT; IFI-30; IP-30; IP30					
Mammalian Cell Selection:	Puromycin					
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205877).					
<b>Restriction Sites:</b>	Sgfl-Mlul					
Cloning Scheme:						
-	Cloning sites used for ORF Shuttling:					
	Sgf1         ORF         Mlu I            GCG ATC GCC         ATG // NNN         ACG CGT					

EcoR I		Bam	ні		RE	35		_	Koza Consei		_		0	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	ccoo	БТАСС	GAG	GAGA	тстб	ccGC			c c A	TG	 	
	Mlu I			^	Not I		Xho I		mGFP Tag					
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G		 	
GGA CTC AGA GTT TGG G L R V	i GTA	GGA	AGC											
* The last codon before the Stop c	odon	ofth	e ORF											

ACCN: ORF Size: NM\_006332 750 bp



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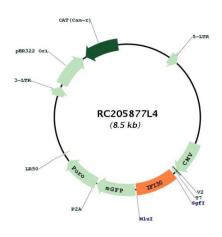
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<b>ORIGENE</b> IFI30 (	NM_006332) Human Tagged Lenti ORF Clone – RC205877L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same 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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 006332.3</u>
RefSeq Size:	1034 bp
RefSeq ORF:	753 bp
Locus ID:	10437
UniProt ID:	<u>P13284</u>
Cytogenetics:	19p13.11
Protein Pathways:	Antigen processing and presentation
MW:	28 kDa
Gene Summary:	The protein encoded by this gene is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing. [provided by RefSeq, Jul 2008]

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# **Product images:**



Circular map for RC205877L4

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