

Product datasheet for RG215576

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IFI27L1 (NM_145249) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: IFI27L1
Synonyms: FAM14B; ISGI2C
Mammalian Cell: Neomycin
Selection:
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG215576 representing NM_145249
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATCGACTCACTATAAGGCGGCCGGAATTCTCGACTGGATCCGGTACCGAGGAGATCTGCC
CGCGCATCGCC

ATGGGAAGGAGACTGGATGGACTCAGGCCGGCTGCTGTAGCAGCTGGTGGAGGAGTTGTGGCTG
 TGGGACTGTGCTCGTGGCGCTCAGTGCATGGCTCACCTCAGTAGGAATGCCGCATCCTCCATAGC
 AGCCAAGATGATGTCACAGCAGCCATTGCCAACGGGGCGGAGTTGCTGCTGGCAGTCTGGCTATT
 CTGCAGTCAGTGGGGCAGCTGGACTCTGTGACATCTAAAGTTATCGGGGGCTTGCTGGACAGCTC
 TTGGGGCTGGCTGGTTCACCCCTCCAGC

ACCGTACGCCGCTCGAG – GFP Tag – GTTAA

Protein Sequence: >RG215576 representing NM_145249
 Red=Cloning site Green=Tags(s)

MGKESGWDSGRAAVAVGGVAVGTVLVALSAMGFTSVGIAASSIAKMMSTAAIANGGVAAGSLVAI
 LQSGVAAGLSVTSKVIGGFAGTALGAWLGSPPSS

TRTRPLE – GFP Tag – V

Restriction Sites: Sgfl-Mlul

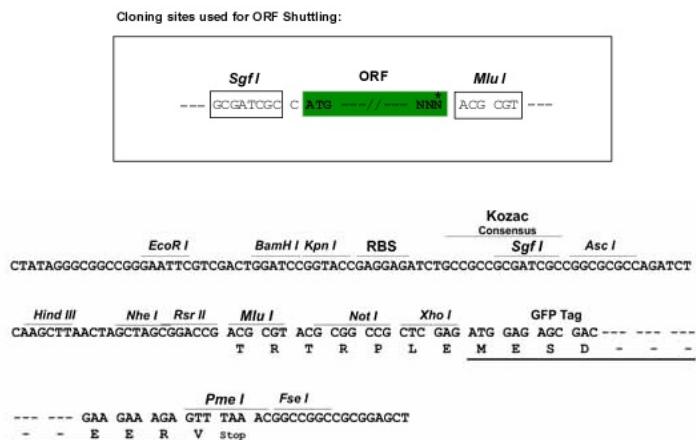


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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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Cloning Scheme:

ACCN: NM_145249

ORF Size: 312 bp

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.

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:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_145249.3</u>
RefSeq Size:	689 bp
RefSeq ORF:	315 bp
Locus ID:	122509
UniProt ID:	<u>Q96BM0</u>
Cytogenetics:	14q32.12
Protein Families:	Transmembrane
Gene Summary:	Plays a role in the apoptotic process and has a pro-apoptotic activity.[UniProtKB/Swiss-Prot Function]

Product images: