

Product datasheet for **SC330893**

IFIT1 (NM_001270929) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IFIT1 (NM_001270929) Human Untagged Clone
Tag: Tag Free
Symbol: IFIT1
Synonyms: C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330893 representing NM_001270929.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

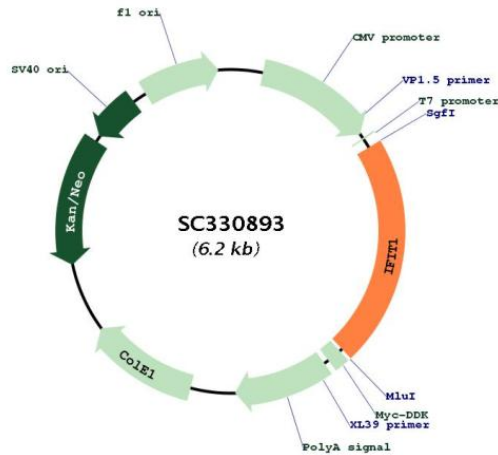
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GACTTTGAGAAGCTGTGAGACAAGTCCTTAG
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001270929

Insert Size: 1344 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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.

RefSeq: [NM_001270929.1](#)

RefSeq Size: 4505 bp

RefSeq ORF: 1344 bp

Locus ID: 3434

UniProt ID: [P09914](#)

Cytogenetics: 10q23.31

MW: 51.7 kDa

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]

Transcript Variant: This variant (4) contains an alternate internal exon and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1. Variants 3, 4, and 5 encode the same isoform (3). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.