

Product datasheet for **SC203143**

IFITM2 (NM_006435) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IFITM2 (NM_006435) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	IFITM2
Synonyms:	1-8D; DSPA2c
ACCN:	NM_006435
Insert Size:	260 bp
Insert Sequence:	>SC203143 3'UTR clone of NM_006435 The sequence shown below is from the reference sequence of NM_006435. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGTGTGGTTCGTCAGGCCAGCGATAGATCAGGAGGCATCATTGAGGCCAGGAGCTCTGCCCGTGA
CCTGTATCCCACGTACTCTATCTTCCATTCCCTCGCCCTGCCCCAGAGCCAGGAGCTCTGCCCTTGAC
CTGTATTCCACTTACTCCACCTTCCATTCCCTCGCCCTGTCCCCACAGCCGAGTCTGCATCAGCCCTTT
ATCCTCACACGCTTTTCTACAATGGCATTCAATAAAGTGTATATGTTTCTGGT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_006435.3</u>



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Summary:

IFN-induced antiviral protein which inhibits the entry of viruses to the host cell cytoplasm, permitting endocytosis, but preventing subsequent viral fusion and release of viral contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV), Ebola virus (EBOV), Dengue virus (DENV), West Nile virus (WNV), human immunodeficiency virus type 1 (HIV-1) and vesicular stomatitis virus (VSV). Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry, SARS-CoV S protein-mediated viral entry and VSV G protein-mediated viral entry. Induces cell cycle arrest and mediates apoptosis by caspase activation and in p53-independent manner.[UniProtKB/Swiss-Prot Function]

Locus ID:

10581

MW:

9.9