

Product datasheet for **SC303138**

IFNW1 (NM_002177) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IFNW1 (NM_002177) Human Untagged Clone
Tag:	Tag Free
Symbol:	IFNW1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002177 edited TCCCAGCTCAGTAAAGCCAGGAGCATCCTCATTTCCTCAATGGCCCTCCTGTTCCCTCTAC TGGCAGCCCTAGTGATGACCAGCTATAGCCCTGTTGGATCTCTGGGCTGTGATCTGCCTC AGAACCATGGCCTACTTAGCAGGAACACCTTGGTGCTTCTGCACCAAATGAGGAGAATCT CCCCTTTCTTGTGTCTCAAGGACAGAAGAGACTTCAGGTTCCCCCAGGAGATGGTAAAAG GGAGCCAGTTGCAGAAGGCCATGTCATGTCTGTCTCCATGAGATGCTGCAGCAGATCT TCAGCCTCTTCCACACAGAGCGCTCCTCTGCTGCCTGGAACATGACCCTCCTAGACCAAC TCCACACTGGACTTCATCAGCAACTGCAACACCTGGAGACCTGCTTGCTGCAGGTAGTGG GAGAAGGAGAATCTGCTGGGGCAATTAGCAGCCCTGCACTGACCTTGAGGAGGTACTTCC AGGGAATCCGTGTCTACCTGAAAGAGAAGAAATACAGCGACTGTGCCTGGGAAGTTGTCA GAATGGAAATCATGAAATCCTTGTCTTATCAACAAACATGCAAGAAAGACTGAGAAGTA AAGATAGAGACCTGGGCTCATCTTGAAATGATTCTCATTGATTAATTTGCCATATAACAC TTGCACATGTGACTCTGGTCAATTCAAAAAGACTCTTATTTGCGGCTTAATCACAGAATTG ACTGAATTAGTTCTGCAAACTTTGTCCGGTATATTAAGCCAGTATATGTTAAAAAGACT TAGGTTCCAGGGGCATCAGTCC
Restriction Sites:	Please inquire
ACCN:	NM_002177
Insert Size:	800 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_002177.1.



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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 style="list-style-type: none">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:	<u>NM_002177.1</u> , <u>NP_002168.1</u>
RefSeq Size:	1514 bp
RefSeq ORF:	588 bp
Locus ID:	3467
UniProt ID:	<u>P05000</u>
Cytogenetics:	9p21.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, RIG-I-like receptor signaling pathway
Gene Summary:	The protein encoded by this gene is an interferon and possesses antiviral activity. The encoded protein binds to the interferon alpha/beta receptor but not to the interferon gamma receptor. This intronless gene has several pseudogenes spread throughout the genome. [provided by RefSeq, Nov 2015]