

## Product datasheet for MC227625

### Ifi211 (NM\_001301745) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ifi211 (NM\_001301745) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ifi211  
**Synonyms:** A730048F03; ifi-205-B; Ifi20; Ifi205b; Mn; Mnda  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227625 representing NM\_001301745  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGTGAATGAATACAAGAGAATTGTTCTGCTGAGAGGACTTGAATGTATCAATAAGCATTATTTAGCT  
 TATTTAAGTCATTGCTGGCCAGAGATTTAAATCTGAAAGAGACAACCAAGAGCAATACACCACGATTCA  
 GATTGCTAACATGATGGAAGAGAAATTTCCAGCTGATTCTGGATTGGCAAACCTGATTGAGTTTTGTGAA  
 GAAGTACCAGCTCTAGAAAACGAGCTGAAATCTTAAAAAGAGAGATCAGAAGGAGAAACATCACTGG  
 AAAAAATGGTCAAGAAGCAGGTCTGCAACACCTACATCAACTACAAGCCACATGTTAGCATCTGAAAG  
 AGGCGAGACTTCTGCAACCCAGGAAGAGACTTCCACAGCTCAGGCGGGGACTTCCACAGCTCAGGCGGGG  
 ACTTCCACAGCTCAGGCGGGGACTTCCACAGCCCAGAAAAGAAAAGTATGAGAGAAGAAGAGACTGGAG  
 TGAAAAAGAGCAAGGCGGCTAAGGAACCAGATCAGCCTCCCTGTTGTGAAGAACCACAGCCATGTGCCA  
 GTCACCAATACTCCACAGCTCATCTTCGGCTTCATCTAACATTCTTTCGGCTAAGAACCAAAAATCACAA  
 CCCCAGAACCAGAACATCCCAGAGGTGCTGTTCTCCACTCAGAGCCCCGACAGTGATGGTGCTCACTG  
 CAACAGACCCGTTTGAATATGAATCACCAGAACATGAAGTAAAGAACATGTTTCATGCTACAGTGGCTAC  
 AGTGAGCCAGTATTTCCATGTGAAAGTTTTCAACATCGATTTGAAAGAGAAGTTCACAAAAATAATTTT  
 ATCACCATATCCAATTACTTTGAGAGCAAAGGCATCCTGGAGATCAATGAGACTTCTCTGTGTTAGAGG  
 CTGCTCTAAACAAATGATTGAAGTGCCCAACTGTATTACCAGAAATGCAAAATGCCAGTCTTAAGATCTG  
 TGATATTCAAAAGGTAAGTCTGGAACAGTGTTCTATGGAGTGTTCATTACACAAGAAAAAGTGAAA  
 ACACAGAACACAAGCTATGAAATAAAAGATGGTTCAGGAAGCATAGAAGTTGTGGGGAGTGGACAATGGC  
 ACAACATCAACTGAAGGAAGGAGATAAGTCCACCTCTCTGCTTTCACCTGAAAAGAGAAAGAGGACA  
 ACCAAAGTTAGTGTGGAGACCACAGTTTCGTCGAAGTCAACAGGCTGGGAAAAAAAAGAAGCATCA  
 ACTGTCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001301745
<b>Insert Size:</b>	1272 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001301745.1, NP_001288674.1</u>
<b>RefSeq Size:</b>	1783 bp
<b>RefSeq ORF:</b>	1272 bp
<b>Locus ID:</b>	381308
<b>UniProt ID:</b>	<u>P0DOV1</u>
<b>Cytogenetics:</b>	1 H3
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the interferon-regulated 200 family of proteins, which contain an N-terminal pyrin domain that is proposed to function in cell death and a partially conserved 220 amino acid domain. Expression of this protein in embryonic stem cells is critical for the DNA damage response and regulation of cell survival. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>