

Product datasheet for MC214701

Ifi211 (NM_001033450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi211 (NM_001033450) 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:	>MC214701 representing NM_001033450 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAATGAATACAAGAGAATTGTTCTGCTGAGAGGACTTGAATGTATCAATAAGCATTATTTAGCT
TATTTAAGTCATTGCTGGCCAGAGATTTAAATCTGGAAAGAGACAACCAAGAGCAATACACCACGATTCA
GATTGCTAACATGATGGAAGAGAAATTTCCAGCTGATTCTGGATTGGCCAACTGATTGAGTTTTGTGAA
GAAGTACCAGCTCTAGAAAACGAGCTGAAATCTTAAAAAGAGAGATCAGAAGTAACAGGAGAAACAT
CACTGGAAAAAATGGTCAAGAAGCAGGTCCTGCAACACCTACATCAACTACAAGCCACATGTTAGCATC
TGAAAGAGGCGGAGACTTCTGCAACCCAGGAAGAGACTTCCACAGCTCAGGCGGGGACTTCCACAGCTCAG
GCGGGGACTTCCACAGCTCAGGCGGGGACTTCCACAGCCAGAAAAGAAAAAGTATGAGAGAAGAAGAGA
CTGGAGTGAAAAGAGCAAGGCGGCTAAGGAACCAGATCAGCCTCCCTGTTGTGAAGAACCACAGCCAT
GTGCCAGTCACCAATACTCCACAGCTCATCTTCGGCTTCACTAACATTCTTTCGGCTAAGAACCAAAAA
TCACAACCCAGAACAGAACATTCCCAGAGGTGCTGTTCTCCACTCAGAGCCCTGACAGTGTGGTGC
TCACTGCAACAGACCCGTTTGAATATGAATCACCAGAACATGAAGTAAAGAACATGTTTCATGCTACAGT
GGCTACAGTGAGCCAGTATTTCCATGTGAAAGTTTTCAACATCGATTTGAAAGAGAAGTTACAAAAAAT
AATTTTATCACCATATCCAATTACTTTGAGAGCAAGGCATCCTGGAGATCAATGAGACTTCCTCTGTGT
TAGAGGCTGCTCCTAAACAAATGATTGAAGTGCCCAACTGTATTACCAGAAATGCAAATGCCAGTCTTAA
GATCTGTGATATTTCAAAGGGTACTTCTGGAACAGTGTCTATGGAGTGTTCATTACACAAGAAAAAA
GTGAAAACACAGAACACAAGCTATGAAATAAAGATGGTTCAGGAAGCATAGAAGTTGTGGGGAGTGGAC
AATGGCACAACATCAACTGTAAGGAAGGAGATAAGCTCCACCTCTTCTGCTTTCACCTGAAAAGAGAAAG
AGGACAACCAAAGTTAGTGTGTGGAGACCAGTTTCGTC AAGGTCACCAAGGCTGGGAAAAAAAAGAA
GCATCAACTGTCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001033450
Insert Size:	1278 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:	<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:	NM_001033450.4 , NP_001028622.1
RefSeq Size:	1789 bp
RefSeq ORF:	1278 bp
Locus ID:	381308
UniProt ID:	P0DOV1
Cytogenetics:	1 H3
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>