

Product datasheet for **MC215941**

Ifi44l (NM_031367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi44l (NM_031367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifi44l
Synonyms:	H-28; H28; H28-1; NS1178
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215941 representing NM_031367
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAGTGACAGCCAGATTGACATGGATAGAAGAGAAGATTCTGAAAAGCTGCTTGGGAACGCATCAT
TGACTCTTCTTTATCAGTCCAGTGCTCATAAAAATTGTGTTTCTGAGATGACTCAGAAATATTCTCTTCA
GGGATCCACAATGACAGTATTTACCTAGAGAAAAGATGTTGTTGTGGGTGTTTTATACTGGAGAATTTT
CCTAGGTTAGTCTCTGAAAAGCCATGTACTTGTGCGTGGTTTTTCATTA AAAAGGAATAATAGTTCTGGAA
TATCAGCTTTGTTTTGAACACAAAAGTAATAGTTGACTCTGAAGAGCTGATAATTTTCTCACTCGATGG
TTTGTCACTCAGTGTGACTCCACTTAGAGGCTTACACTTGCTCTAAATGATACAGTAATGAACGGTCTA
GAACTCAATCTTGGACATGGCTTCTACCTGTGGAATGTGAAATCTTCGAGTTGATGGCATTAAAGAAA
ATCCAAGCTTCATAAAGAAGATGGTGACCGCCGAACAGCACCGAGGAAAATTA CTCTCTGCTCTCAGAGC
CTACAAGCCTTA AAGGACCTGGTTTCAGAAGGTTTCGTATTCTCTTGGTGGGCCAGTAGGCTCAGGGAA
AGTCGAGCTTTTTCAACTCAGTGAAGTCTGCTTTC AAGGCCACCTAACTCGCCAGGCCATTGTGGGG
GGTCTGACGAAAGCAGTATCACCAAGCAGTACAGAGTTTATTCTATTAAGATGGAAAAAGCGGGGAAAC
ACTCCCATTTATGCTGTGTGATTCAATGGGGCTGGAGGAGGGGGAGGAAGCCGGGCTGTGCATAGATGAC
ATTCCTCATATCTTACAAGGCTGTGTACCAGACAGGATCAGTTCAACCCTGTGAGCCGATGAAGCCGA
AGCACTCCCCTCACGCCGCTCTCCGCCCTGAAGGACAGGATCACTGCGTGGCTTTTGTCTACACAT
CAACTCTGTTAATACACTATCTGATAAAATGGTGGCAAAGCTGAAAAAATTCGCAAAGATGTAGTAGAC
TGTGGTATAGGATATGTAGCCTTGCTTACAAATGTGGAGGAGTATGATGAAGTTCTTGATGACATTTTG
CAAACATGACAGAACTGTGACTTCTAAGCCAGGTTCCAGAATGTCCAAAAATGGCTAAATATTCCTAT
AGCCAATATCTTGATGGTCAGCAATTATGCTTCCAGAGCGAAGGTTGGAGCCTATGAAGGATATTCTGGTC
TTTGCTGCTCTCAGGCAGATGTTGAGGGCTGCGGATGATGCCTTAGAGGACTTGCTTCTCGAGGATACTG
GTAACCTGGCTCTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031367

Insert Size: 1350 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_031367.1](#), [NP_112735.1](#)

RefSeq Size: 2279 bp

RefSeq ORF: 1350 bp

Locus ID: 15061

UniProt ID: [Q9BDB7](#)

Cytogenetics: 3 76.94 cM

Gene Summary: This gene encodes a minor histocompatibility antigen that is involved in tissue graft rejection and is polymorphic in different mouse strains. The 5' region of this gene, including the translational start codon and the first 293 amino acids, is absent from the C57BL/6J genome. The encoded antigen is not thought to be expressed in C57BL/6J. [provided by RefSeq, Mar 2013]