

Product datasheet for **MC211466**

Ifitm5 (NM_053088) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ifitm5 (NM_053088) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ifitm5
Synonyms: 1110003J06Rik; AW213665; Bril; DSPA1; Hrmp1; Hrtn1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211466 representing NM_053088
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACACTTCATATCCCGTGAGGACCCCGGGCTCCATCATCCCGCAAGGCTGATGCTGCAGCCACAC
CAGCCCTCTCCATGGGAACACCTGGCCCTACACCAGGATCACATGCTCTGGTCTGTCTTCAGCAGCAT
GTACCTGAATCTGTGCTGCCTTGGATTCTGGCGCTGGTCCACTCTGTCAAGGCCGAGACCAGAAGATG
GCTGGGAACCTGGAGGCTGCAAGGCAGTATGGCTCCAAAGCCAAGTGTACAACATCCTGGCTGCAATGT
GGACATTGGTGCCTTCTGCTGCTCTGGGACTGGTGGTACTGGCGCCTTGACCTGTCCAAGTTAGC
CAAAGACTCTGCGGCTTCTTCAGCACCAAGTTTGATGAGGAGGACTATAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053088
Insert Size: 405 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).



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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_053088.2](#), [NP_444318.1](#)

RefSeq Size: 734 bp

RefSeq ORF: 405 bp

Locus ID: 73835

UniProt ID: [O88728](#)

Cytogenetics: 7 F5

Gene Summary: Required for normal bone mineralization.[UniProtKB/Swiss-Prot Function]