

## Product datasheet for **MC216594**

### Ifit1b1 (NM\_001110517) Mouse Untagged Clone

#### Product data:

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                         |
| Product Name:      | Ifit1b1 (NM_001110517) Mouse Untagged Clone |
| Tag:               | Tag Free                                    |
| Symbol:            | Ifit1b1                                     |
| Synonyms:          | Gm14446; Ifit1c; OTTMUSG00000016644         |
| Vector:            | pCMV6-Entry (PS100001)                      |
| E. coli Selection: | Kanamycin (25 ug/mL)                        |
| Cell Selection:    | Neomycin                                    |



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**Fully Sequenced ORF:** >MC216594 representing NM\_001110517  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCAACTTCTGAGTCCCAGCAACATGAGTGCAAATCTCATAGTTGTCTCATATGACAGCCTGG  
 TTGAGCTGAGATGCCATTTACATGGAAGTTGGTTATAGAAAAGGTTGACATGCCTGATTTGGAAGTAAG  
 AATCTCAGAGACTGAGTTCTTTGATGCCAGCTACAGCATCGGGATGCACAACCTCCTGGCCTACGTGAGG  
 CACCTGAAAGGCCAGCAGGAGGAAGCCCTGCAGAGCTTGAAGAAGCTGAAGCCTTGATCCAGAGCGAGC  
 AGTTGAGCAAGAGAAGGCTGGTGACCTGGGGCAACTGTGCCTGGCTGCATTACCACAGGGGCAGCTTGGC  
 AGAAGCCCAGGTCTACCTGGACAAGGTGGAGAAGGTGTGCAAGGAATTTCAAGTCCCTTCCAATACAGG  
 CTGGAGTGTGCTGAGATGGACTGTGAGGAAGGCTGGGCCTTGTGAAGTGTGGCATAAAAATTATAAG  
 GAGCCATGGCCTGCTTTGCAAAGGCTCTGAAAGTGGAGCCAGAAAACCCTGAGTACAATGCTGGCTATGC  
 AGTCGTAGCCTATCGCCTGGATCACATTGATGGCACTTCGCTCCAACATTTACAGAAGGCTGTCAGCGTA  
 AAACCAGAAGATCCATACCTTAAAGTTCCTTGGCCCTAAAGCTTCAGGATTTACACAACTAGAAGAAG  
 CAGAAAAACACATTGAAGAACTCTGCCAGGATATCCTCGCAGCCCTATGTCTTTGGATATGTAGCCAA  
 ATTTTACCGAAGGAAAGGATTGGTGAAGAAGCTCTTGAGTTCCTTGGCAGAGCCTTGAGAAAACACCT  
 TGCTCCACCTTCTTGCAATTTCCAGATTGGCCTTTGCCATAAGAAACGACTGATTCAAATAAAGAAAGCTT  
 CAAACATGCAACCAAGAGGGGAAGATAGAAAAAGAGCAGACCAATCCATCCATTTGGCTATATGTCATTT  
 TAAACGGACTTTAGAAGTAAACCCACATATGTGATGGCATATGTTACTCTGGCTGAAATGTACATTGAG  
 AAAATCAACTAAAAGAAGCAGAGGACAATTTTCAGAAATTGTTGAACATGAGTAACTTGAAGATCATA  
 TTCAGCAAGAGATTCACCTCCGGTATGGCAACTCCAACAATACTATAAGAAATCAGAAGGCGCCAT  
 CACACATTACTTAAAAGGCCTAAAAATAGAGGTAACCTTCACTACAGGGATAAACCTCTCAAGGCTTTG  
 GAGAACTGGCTAAAAGACGCAAGGAAGATCATGTCTGGAAAACCTGGGCCTACTTGGGTTTGTCTACA  
 AACTGAAAGGGAACACAAGTGAAGCCATGTCATGCTATGAGAGGGCCCTGAGGCTCACAGGAGCAGTGAA  
 CCCTGAGTTTTGA

**ACCGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001110517

**Insert Size:** 1413 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\_001110517.1, NP\_001103987.1  
RefSeq Size: 2296 bp  
RefSeq ORF: 1413 bp  
Locus ID: 667373  
Cytogenetics: 19