

## Product datasheet for **MC217256**

### Ifnar2 (NM\_010509) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ifnar2 (NM_010509) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifnar2
Synonyms:	A1747302; Ifnar-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC217256 representing NM\_010509  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGTTCACGGTGCACCGTCTCTGCCGTCGGTCTCCTCAGCTTGTGTCTTGTGGTGTCTCGGAGCCTAG  
 AGACTATCACACCGTCTGCTTTTGGATGGGTATCCAGATGAACCTTGCACTATAAACATAACAATACGAAA  
 TTCCCGGCTAATTTTATCCTGGGAATTAGAGAACAAGTCTGGCCACCCGCTAACTACACCCCTCTGGTAC  
 ACAGTCATGAGCAAAGACGAAAACTGACGAAGGTTAAGAAGTTCAGATACCACGAAGTCATCATGTG  
 ACGTGACAGATAAGTGGTTGGAGGGCATGGAGAGCTACGTCGTCGCCATCGTCATAGTGCACAGAGGGGA  
 CTTGACCGTGTGCCGCTGCTCAGACTACATCGTGCCTGCAAACGCTCCTCTTGAGCCGCCAGAATTTGAG  
 ATCGTTGGCTTTACAGACCACATAAACGTGACGATGGAATTTCCACCTGTCACTTCCAAAATAATCCAGG  
 AAAAGATGAAGACTACACCCTTTGTATCAAAGAACAGATAGGGGACAGCGTTAGGAAGAAGCACGAGCC  
 CAAAGTGAATAATGTCAGTGGGAACCTTACATTTGTCCTTAGAGACTTACTTCCAAGACAACTACTGT  
 GTATCTCTTTATTTTATGATGATGACCCCGCAATAAAATCTCCCTTAAAATGCATCGTCCTTCAGCCTGGCC  
 AGGAATCAGGATTATCAGAATCTGCTATAGTAGGAATAACTACTTCGTGTTTGGTGTGATGTTTTCGT  
 GAGCACTATCGTAATGCTGAAACGGATTGGTTATATATGCCTAAAAGACAATTTGCCCAATGCTTGAAC  
 TTCCGCCACTTTTTAACCTGGATAATCCCTGAACGGTCACCTTCAGAAGCCATCGATCGGCTGGAATCA  
 TCCCCACAACAAGAAGAAGAGACTGTGGAATTACGATTATGAGGATGGCAGTGACAGTGACGAAGAGGT  
 CCCACAGCAAGTGTCACTGGCTACACCATGCATGGACTGACGGGCAAGCCTCTGCAACAAACCTCTGAC  
 ACCTCAGCCAGCCCGAGGATCCCCTGCATGAAGAAGATTAGGGCTGAGGAATCTGATGAAGCTGGAG  
 CAGGGGCTGGAGCTGAGCCAGAACTCCCACAGAGGGCGGGGCGGGGCTTCAGAAGACCCCACTGGCC  
 CTATGAGAGAAGAAGAGTGTGCTCGAGGACTATTCCCCAGGGAGGACAAACAGCTCCATGGATGAGCCT  
 GGGGACAACATTATCTCAACGTGAACCTTAACTCTGTGTTTCTGAGGGTCTCCATGATGAAGATGCCT  
 CAGAGACATTATCTCGAAGAAGACACCATCCTCCTAGACGAAGGTCCCAGAGGACAGAGTCAAGCT  
 TCGGATAGCTGGTGGGACAGGACACAGCCGCCCTCCCAGCCTTCTTCCCAGGATCTATGGACTGAA  
 GATGGGTCTGAGAAATCAGACACCTCAGATTCCGATGCTGATGTGGGGACGGCTACATCATGAGAT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_010509

**Insert Size:** 1542 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\\_010509.2](#), [NP\\_034639.2](#)

**RefSeq Size:** 3051 bp

**RefSeq ORF:** 1542 bp

**Locus ID:** 15976

**UniProt ID:** [O35664](#)

**Cytogenetics:** 16 52.82 cM

**Gene Summary:** Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 2 and isoform 3 may be potent inhibitors of type I IFN receptor activity. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.