

Product datasheet for **MC208750**

Ifnar2 (NM_001110498) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ifnar2 (NM_001110498) 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
Fully Sequenced ORF: >MC208750 representing NM_001110498
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGTTCACGGTGCACCGTCTCTGCCGTCGGTCTCCTCAGCTTGTGTCTTGTGGTGTCTGCGAGCCTAG
AGACTATCACACCGTCTGCTTTTGATGGGTATCCAGATGAACCTTGCACTATAAACATAACAATACGAAA
TTCCCGGCTAATTTTATCCTGGGAATTAGAGAACAAGTCTGGCCACCCGCTAACTACACCTCTGGTAC
ACAGTCATGAGCAAAGACGAAAACTGACGAAGTTAAGAAGTGTTCAGATACCACGAAGTCATCATGTG
ACGTGACAGATAAGTGGTTGGAGGGCATGGAGAGCTACGTCGTCGCCATCGTCATAGTGCACAGAGGGGA
CTTGACCGTGTGCCGCTGCTCAGACTACATCGTGCCTGCAAACGCTCCTCTTGAGCCGCCAGAATTTGAG
ATCGTTGGCTTTACAGACCACATAAACGTGACGATGGAATTTCCACCTGTCACTTCCAAAATAATCCAGG
AAAAGATGAAGACTACACCCTTTGTTCATCAAAGAACAGATAGGGGACAGCGTTAGGAAGAAGCAGAGCC
CAAAGTGAATAATGTCACCTGGAACTTCACATTTGTCCTTAGAGACTTACTTCCAAGACAACTACTGT
GTATCTCTTTATTTGATGATGACCCCGCAATAAAATCTCCCTTAAATGCATCGTCCTTCAGCCTGGCC
AGGAATCAGGTATGGCTAGGTTTTTAAATTTGCACTATTGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110498
Insert Size: 747 bp



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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_001110498.1 , NP_001103968.1
RefSeq Size:	1169 bp
RefSeq ORF:	747 bp
Locus ID:	15976
UniProt ID:	O35664
Cytogenetics:	16 52.82 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the coding region, compared to variant 1, that results in a frameshift. It encodes isoform b, which has a shorter and distinct C-terminus compared to isoform a.</p>