

Product datasheet for **MR208241**

Ifnar2 (NM_010509) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR208241 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGTTCACGGTGCACCGTCTCTGCCGTCGGTCTCCTCAGCTTGTGTCTTGTGGTGTCTCGGAGCCTAG
 AGACTATCACACCGTCTGCTTTTATGATGGGTATCCAGATGAACCTTGCACATAAAACATAACAATACGAAA
 TTCCCGGCTAATTTTATCCTGGGAATTAGAGAACAAGTCTGGCCACCCGCTAACACACCTCTGGTAC
 ACAGTCATGAGCAAAGACGAAAACTGACGAAGGTTAAGAAGTTCAGATACCACGAAGTCATCATGTG
 ACGTGACAGATAAGTGGTTGGAGGGCATGGAGAGCTACGTCGTCGCCATCGTCATAGTGCACAGAGGGGA
 CTTGACCGTGTGCCGCTGCTCAGACTACATCGTGCCTGCAAACGCTCCTCTTGAGCCGCCAGAATTTGAG
 ATCGTTGGCTTTACAGACCACATAAACGTGACGATGGAATTTCCACCTGTCACTTCCAAAATAATCCAGG
 AAAAGATGAAGACTACACCTTTGTATCAAAGAACAGATAGGGGACAGCGTTAGGAAGAAGCACGAGCC
 CAAAGTGAATAATGTCAGTGGGAACCTCACATTTGTCCTTAGAGACTTACTTCCAAGACAAACTACTGT
 GTATCTCTTTATTTTATGATGATGACCCCGCAATAAAATCTCCCTTAAAATGCATCGTCCTTACGCCTGGCC
 AGGAATCAGGATTATCAGAATCTGCTATAGTAGGAATAACTACTTCGTGTTTGGTAGTGATGGTTTTCGT
 GAGCACTATCGTAATGCTGAAACGGATTGGTTATATATGCCTAAAAGACAATTTGCCCAATGCTTTGAAC
 TTCCGCCACTTTTTAACCTGGATAATCCCTGAACGGTCACCTTCAGAAGCCATCGATCGGCTGGAATCA
 TCCCCACAACAAGAAGAAGAGACTGTGGAAATACGATTATGAGGATGGCAGTGACAGTGACGAAGAGGT
 CCCACAGCAAGTGTCACTGGCTACACCATGCATGGACTGACGGGCAAGCCTCTGCAACAAACCTCTGAC
 ACCTCAGCCAGCCCGAGGATCCCCTGCATGAAGAAGATTAGGGCGTGAGGAATCTGATGAAGCTGGAG
 CAGGGGCTGGAGCTGAGCCAGAACTCCCACAGAGGGCGGGGCGGGCCCTCAGAAGACCCCACTGGCC
 CTATGAGAGAAGAAGAGTGTGCTCGAGGACTCATTCCCAGGGAGACACAGCTCCATGGATGAGCCT
 GGGGACAACATTATCTCAACGTGAACCTAAACTCTGTGTTTCTGAGGGTTCTCCATGATGAAGTGCT
 CAGAGACATTATCTCGAAGAAGACACCATCCTCCTAGACGAAGGTCCCAGAGGACAGAGTCAAGCT
 TCGGATAGCTGGTGGGACAGGACACAGCCGCCCTCCCAGCCTTCTTCCCAGGATCTATGGACTGAA
 GATGGGTCATCTGAGAAATCAGACACCTCAGATTCCGATGCTGATGTGGGGACGGCTACATCATGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208241 protein sequence
 Red=Cloning site Green=Tags(s)

MRSRCTVSAVGLLSLCLVVSASLETITPSAFDGYDPEPTINITIRNSRLILSWELNKSPPANYTLWY
 TVMSKDENLTKVKNCSDDTKSSCDVTDKWLEGMESYVVAIVIVHRGDLTVCRSDYIVPANAPLEPPEFE
 IVGFTDHINVTMEFPPVTSKIIQEKMKTPFVIKEQIGDSVRKKHEPKVNNVTGNFTFVLRDLLPKTNYC
 VSLYFDDDDPAIKSPLKCIVLQPGQESGLSESAIVGITTSLVVMVFVSTIVMLKRIGYICLKDNLPNVLN
 FRHFLTWIIPERSPSEAI DRLEI IPTNKKRLWNYDYEDGSDSDEEVPTASVTGYTMHGLTGKPLQQTSD
 TSASPEDPLHEEDSGAEESDEAGAGAGAEPELPTAGAGPSEDPTGPYERRKSVLEDSFPREDNSSMDEP
 GDNIIFNVNLNSVFLRVLHDEDASETLSLEEDTILLDEGPQRTESDLRIAGGDRTPPLPSLPSQDLWTE
 DGSSEKSDTSDSDADVGDGYIMR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

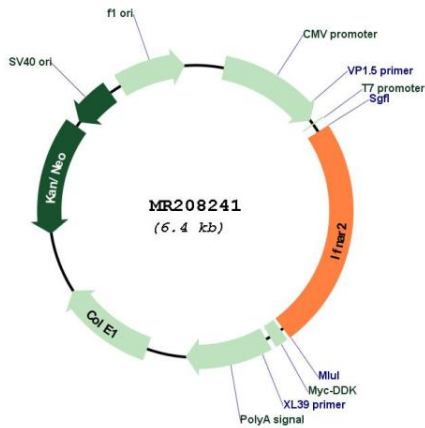
Restriction Sites:

Sgfl-Mlul

MW: 56.6 kDa

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]

Product images:



Circular map for MR208241