

Product datasheet for **MR225639**

Ifna5 (NM_010505) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ifna5 (NM_010505) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ifna5
Synonyms: Ifa5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR225639 representing NM_010505
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTAGGCTCTGTGCTTTCCTGATGGTCTGGCGGTGCTGAGCTACTGGCCAACCTGCTCTTAGGAT
 GTGACCTTCCTCAGACTCATAACCTCAGGAACAAGAGAGCCTTAACCTCCTGGTAAAAATGAGGAGACT
 CTCCCCTCTCCTGCCTGAAGGACAGAAAGGACTTTGGATTCCACAGGAGAAGGTGGGTGCCAGCAG
 ATCCAGGAGGCTCAAGCCATCCCTGTCTGAGTGAGCTGACCCAGCAGGTCTGAACATCTTCACATCAA
 AGGACTCATCTGCTGCATGGAATGCAACCCTCCTAGACTATTCTGCAATGAAGTCCATCAGCAGCTCAA
 TGACCTCAAAGCCTGTGTGATGCAACAGGTCGGGGTGCAGGAATCTCCCCTGACCCAGGAAGACTCCCTG
 CTGGCTGTGAGGAAATACTTCCACAGGATCACTGTGTACCTGAGAGAGAGAAACACAGCCCTGTGCCT
 GGGAGGTGGTCAGAGCAGAAGTCTGGAGAGCCCTGTCTTCTCAGTTAACTTGCTGGCAAGATTAGCAA
 GGAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225639 representing NM_010505
 Red=Cloning site Green=Tags(s)

MARLCAFLMVLAVLSYWPTCSLGCPLPQTHNLRNKRALLVKMRRLSPLSCLKDRKDFGFPQEKVGAQQ
 IQEAQAIPVLSLTQQVLNIFTSKDSAAWNATLLDSFCNEVHQQLNDLKACVMQQVGVQESPLTQEDSL
 LAVRKYFHRITVYLREKKHSPCAWEVVRALSSSVNLLARLSKEE

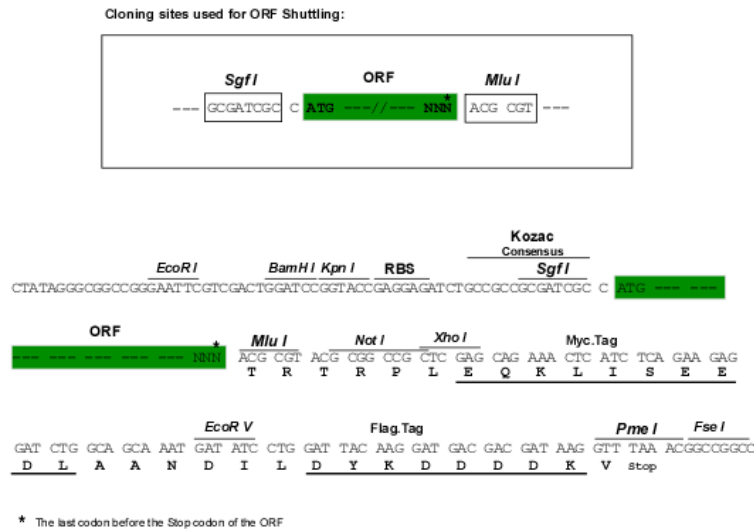
TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Chromatograms: https://cdn.origene.com/chromatograms/mm9057_g03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_010505

ORF Size: 567 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

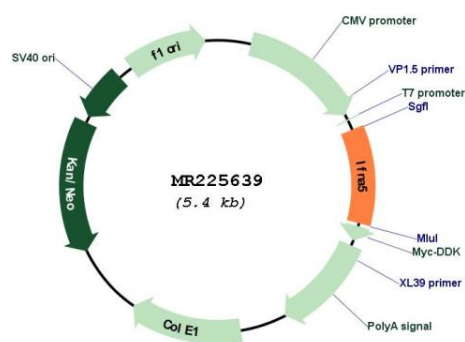
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_010505.2](#), [NP_034635.2](#)

RefSeq Size: 570 bp

RefSeq ORF: 570 bp
 Locus ID: 15968
 Cytogenetics: 4 42.03 cM
 MW: 21.5 kDa

Product images:



Circular map for MR225639