

Product datasheet for RC210115

IFNA21 (NM_002175) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IFNA21 (NM_002175) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: IFNA21
Synonyms: IFN-alpha1; IeIF-F; IeIF F
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC210115 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGTCTTTTCTTTACTGATGGCCGTGCTGGTGCTCAGCTACAAATCCATCTGTTCTCTGGGCT
 GTGATCTGCCTCAGACCCACAGCCTGGGTAATAGGAGGGCCTTGATACTCCTGGCACAAATGGGAAGAAT
 CTCTCCTTTCTCCTGCCTGAAGGACAGACATGACTTTGGATTCCCCAGGAGGAGTTTGATGGCAACCAG
 TTCCAGAAGGCTCAAGCCATCTCTGTCTCCATGAGATGATCCAGCAGACCTTCAATCTCTCAGCACAA
 AGGACTCATCTGCTACTTGGGAACAGAGCCTCCTAGAAAAATTTCCACTGAACCTAACCAGCAGCTGAA
 TGACTTGAAGCCTGCGTGATACAGGAGTTGGGGTGAAGAGACTCCCCTGATGAATGTGGACTCCATC
 CTGGCTGTGAAGAAATACTTCAAAGAATCACTCTTTATCTGACAGAGAAGAAATACAGCCCTTGTGCCT
 GGGAGGTTGTGAGCAGAAATCATGAGATCCTTCTTTATCAAAAATTTTCAAGAAAGATTAAGGAG
 GAAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210115 protein sequence
 Red=Cloning site Green=Tags(s)

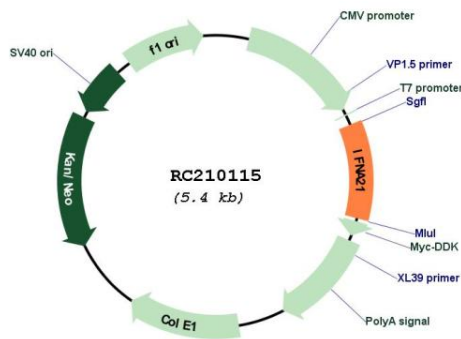
MALSFLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISPFSLKDRHDFGFPQEEFDGNQ
 FQKAQAISVLHEMIQQTFNLFSTKDSSATWEQSLLEKFSSTELNQQLEACVIQEVGVEETPLMNVDSI
 LAVKKYFQRITLYLTEKKYSPCAWEVRAEIMRSFSLSKIFQERLRRKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

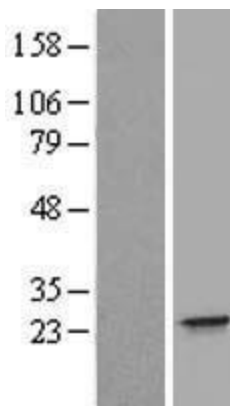


UniProt ID: [P01568](#)
Cytogenetics: 9p21.3
Protein Families: Druggable Genome, Secreted Protein
Protein Pathways: Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway
MW: 21.7 kDa
Gene Summary: This gene is a member of the alpha interferon gene cluster on the short arm of chromosome 9. Interferons are cytokines produced in response to viral infection that mediate the immune response and interfere with viral replication. The encoded protein is a type I interferon and may play a specific role in the antiviral response to rubella virus. [provided by RefSeq, Sep 2011]

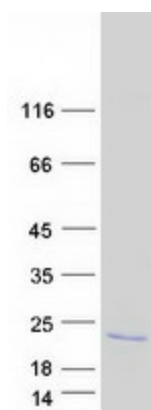
Product images:



Circular map for RC210115



Western blot validation of overexpression lysate (Cat# [LY419491]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210115 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified IFNA21 protein (Cat# [TP310115]). The protein was produced from HEK293T cells transfected with IFNA21 cDNA clone (Cat# RC210115) using MegaTran 2.0 (Cat# [TT210002]).