*h*IFN-αC/IFNA10 VersaClone cDNA

Catalog Number: RDC3593

Specifications:

Gene:	*h*IFNA10
Accession:	NP_002162.1
Insert size:	582bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

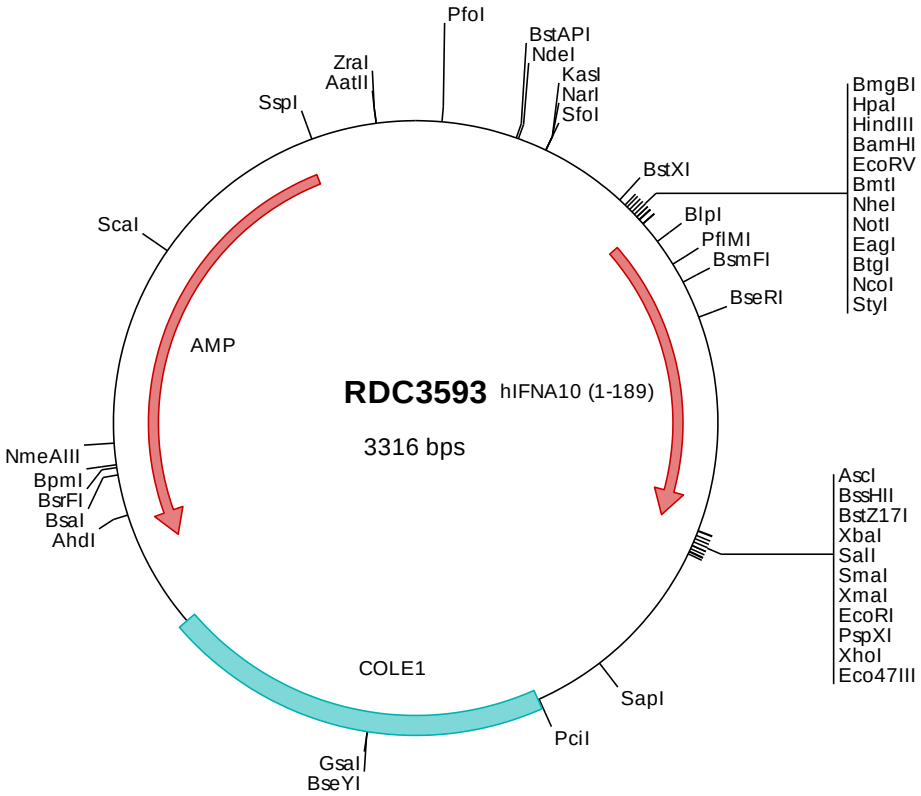
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*IFN-αC/IFNA10 cDNA Plasmid

IFNA10 interferon alpha 10
[*Homo sapiens* (human)]

Also known as: IFN-alphaC

Summary:
IFNA10 belongs to the type I interferon family of proteins and is located in a cluster of alpha interferon genes on chromosome 9. Interferons are small regulatory molecules that function in cell signaling in response to viruses and other pathogens or tumor cells. IFNA10 is intronless and is secreted.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC3593 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggccctgt ccttttcttt acttatggcc gtgctggtgc tcagctacaa
 501  atccatctgt tctctaggct gtgatctgcc tcagacccac agcctgggta ataggagggc cttgatactc ctgggacaaa tgggaagaat ctctcctttc
 601  tcctgcctga aggacagaca tgatttccga atcccccagg aggagtttga tggcaaccag ttccagaagg ctcaagccat ctctgtcctc catgagatga
 701  tccagcagac cttcaatctc ttcagcacag aggactcatc tgctgcttgg gaacagagcc tcctagaaaa attttccact gaactttacc agcaactgaa
 801  tgacctggaa gcatgtgtga tacaggaggt tggggtggaa gagactcccc tgatgaatga ggactccatc ctggctgtga ggaaatactt ccaaagaatc
 901  actctttatc taatagagag gaaatacagc ccttgtgcct gggaggttgt cagagcagaa atcatgagat ccctctcgtt ttcaacaaac ttgcaaaaaa
1001  gattaaggag gaaggattaa ggcgcgccag tatactctag agtcgacacc cggggaattc ctcgagcgct cgtctctagc ttggcgtaat catggtcata
1101  gctgtttcct gtgtgaaatt gttatccgct cacaattcca cacaacatac gagccggaag cataaagtgt aaagcctggg gtgcctaatg agtgagctaa
1201  ctcacattaa ttgcgttgcg ctcactgccc gctttccagt cgggaaacct gtcgtgccag ctgcattaat gaatcggcca acgcgcgggg agaggcggtt
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1701  ctgtaggtat ctcagttcgg tgtaggtcgt tcgctccaag ctgggctgtg tgcacgaacc ccccgttcag cccgaccgct gcgccttatc cggtaactat
1801  cgtcttgagt ccaacccggt aagacacgac ttatcgccac tggcagcagc cactggtaac aggattagca gagcgaggta tgtaggcggt gctacagagt
1901  tcttgaagtg gtggcctaac tacggctaca ctagaaggac agtatttggt atctgcgctc tgctgaagcc agttaccttc ggaaaaagag ttggtagctc
2001  ttgatccggc aaacaaacca ccgctggtag cggtggtttt tttgtttgca agcagcagat tacgcgcaga aaaaaaggat ctcaagaaga tcctttgatc
2101  ttttctacgg ggtctgacgc tcagtggaac gaaaactcac gttaagggat tttggtcatg agattatcaa aaaggatctt cacctagatc cttttaaatt
2201  aaaaatgaag ttttaaatca atctaaagta tatatgagta aacttggtct gacagttacc aatgcttaat cagtgaggca cctatctcag cgatctgtct
2301  atttcgttca tccatagttg cctgactccc cgtcgtgtag ataactacga tacgggaggg cttaccatct ggccccagtg ctgcaatgat accgcgagac
2401  ccacgctcac cggctccaga tttatcagca ataaaccagc cagccggaag ggccgagcgc agaagtggtc ctgcaacttt atccgcctcc atccagtcta
2501  ttaattgttg ccgggaagct agagtaagta gttcgccagt taatagtttg cgcaacgttg ttgccattgc tacaggcatc gtggtgtcac gctcgtcgtt
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2701  gttgtcagaa gtaagttggc cgcagtgtta tcactcatgg ttatggcagc actgcataat tctcttactg tcatgccatc cgtaagatgc ttttctgtga
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2901  aactttaaaa gtgctcatca ttggaaaacg ttcttcgggg cgaaaactct caaggatctt accgctgttg agatccagtt cgatgtaacc cactcgtgca
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3101  aatgttgaat actcatactc ttcctttttc aatattattg aagcatttat cagggttatt gtctcatgag cggatacata tttgaatgta tttagaaaaa
3201  taaacaaata ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgacattaa cctataaaaa taggcgtatc
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> RDC3593 Translated Insert Sequence

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```