*h*IFN-αH2/IFNA14 VersaClone cDNA

Catalog Number: RDC3594

Specifications:

Gene:	*h*IFNA14
Accession:	NP_002163.2
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

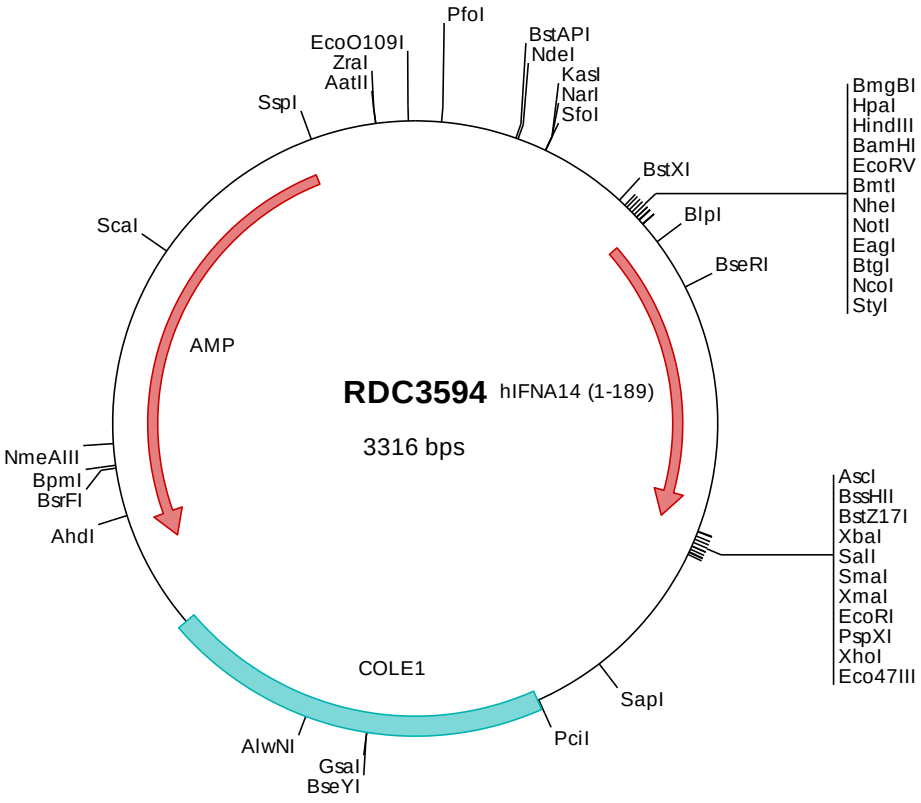
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*IFN-αH2/IFNA14 cDNA Plasmid

IFNA14 interferon alpha 14
[*Homo sapiens* (human)]

Also known as: LEIF2H; IFN-alphaH

Summary:
IFNA14 is a member of the type I interferon family which share a common cell surface receptor composed of two subunits, a ligand-binding subunit (IFN-alpha R2) and a ligand binding and signal transduction subunit (IFN-alpha R1) that is involved both in ligand binding and signal transduction. IFNA14 has both anti-viral and immunomodulatory activities on target cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3594 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 atggcattgc cctttgcttt aatgatggcc ctggtggtgc tcagctgcaa
 501  gtcaagctgc tctctgggct gtaatctgtc tcaaacccac agcctgaata acaggaggac tttgatgctc atggcacaaa tgaggagaat ctctcctttc
 601  tcctgcctga aggacagaca tgactttgaa tttccccagg aggaatttga tggcaaccag ttccagaaag ctcaagccat ctctgtcctc catgagatga
 701  tgcagcagac cttcaatctc ttcagcacaa agaactcatc tgctgcttgg gatgagaccc tcctagaaaa attctacatt gaacttttcc agcaaatgaa
 801  tgacctggaa gcctgtgtga tacaggaggt tggggtggaa gagactcccc tgatgaatga ggactccatc ctggctgtga agaaatactt ccaaagaatc
 901  actctttatc tgatggagaa gaaatacagc ccttgtgcct gggaggttgt cagagcagaa atcatgagat ccctctcttt ttcaacaaac ttgcaaaaaa
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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
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2601  tggtatggct tcattcagct ccggttccca acgatcaagg cgagttacat gatcccccat gttgtgcaaa aaagcggtta gctccttcgg tcctccgatc
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
3001  cccaactgat cttcagcatc ttttactttc accagcgttt ctgggtgagc aaaaacagga aggcaaaatg ccgcaaaaaa gggaataagg gcgacacgga
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3201  taaacaaata ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgacattaa cctataaaaa taggcgtatc
3301  acgaggccct ttcgtc
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> RDC3594 Translated Insert Sequence

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```