*h*IL-1RAcP VersaClone cDNA

Catalog Number: RDC1031

Specifications:

Gene:	*h*IL1RAP
Accession:	NP_002173
Insert size:	1725bp
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

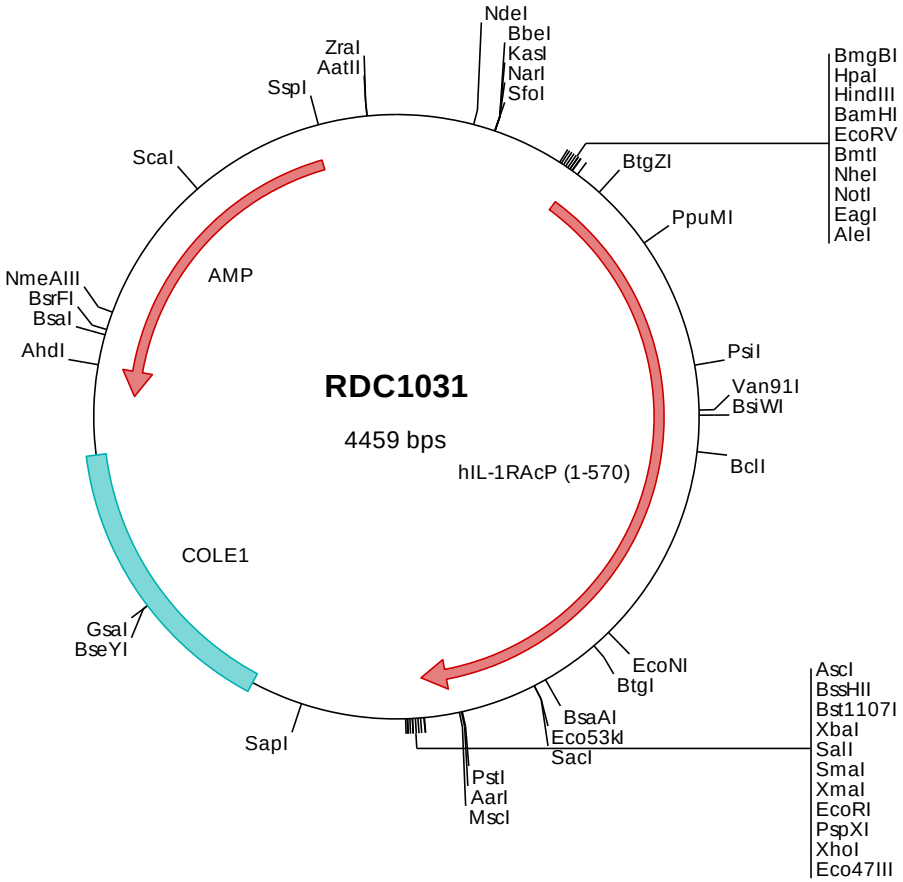
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*IL-1RAcP cDNA Plasmid

IL1RAP interleukin 1 receptor accessory protein [*Homo sapiens* (human)]

Also known as: IL1R3; C3orf13; IL-1RAcP

Summary:
Interleukin 1 induces synthesis of acute phase and proinflammatory proteins during infection, tissue damage, or stress, by forming a complex at the cell membrane with an interleukin 1 receptor and an accessory protein. IL1RAcP is the interleukin 1 receptor accessory protein. It is a necessary part of the interleukin 1 receptor complex which initiates signaling events that result in the activation of interleukin 1-responsive genes. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1031 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 atgacacttc tgtggtgtgt agtgagtctc tacttttatg gaatcctgca
 501  aagtgatgcc tcagaacgct gcgatgactg gggactagac accatgaggc aaatccaagt gtttgaagat gagccagctc gcatcaagtg cccactcttt
 601  gaacacttct tgaaattcaa ctatagcaca gcccattcag ctggccttac tctgatctgg tattggacta ggcaggaccg ggaccttgag gagccaatta
 701  acttccgcct ccccgagaac cgcattagta aggagaaaga tgtgctgtgg ttccggccca ctctcctcaa tgacactggc aactatacct gcatgttaag
 801  gaacactaca tattgcagca aagttgcatt tcccttggaa gttgttcaaa aagacagctg tttcaattcc cccatgaaac tcccagtgca taaactgtat
 901  atagaatatg gcattcagag gatcacttgt ccaaatgtag atggatattt tccttccagt gtcaaaccga ctatcacttg gtatatgggc tgttataaaa
1001  tacagaattt taataatgta atacccgaag gtatgaactt gagtttcctc attgccttaa tttcaaataa tggaaattac acatgtgttg ttacatatcc
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1701  agaagaattt gtattactga ccctccgtgg agttttggag aatgaatttg gatacaagct gtgcatcttt gaccgagaca gtctgcctgg gggaattgtc
1801  acagatgaga ctttgagctt cattcagaaa agcagacgcc tcctggttgt tctaagcccc aactacgtgc tccagggaac ccaagccctc ctggagctca
1901  aggctggcct agaaaatatg gcctctcggg gcaacatcaa cgtcatttta gtacagtaca aagctgtgaa ggaaacgaag gtgaaagagc tgaagagggc
2001  taagacggtg ctcacggtca ttaaatggaa aggggaaaaa tccaagtatc cacagggcag gttctggaag cagctgcagg tggccatgcc agtgaagaaa
2101  agtcccaggc ggtctagcag tgatgagcag ggcctctcgt attcatcttt gaaaaatgta tgaggcgcgc cagtatactc tagagtcgac acccggggaa
2201  ttcctcgagc gctcgtctct agcttggcgt aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagccgg
2301  aagcataaag tgtaaagcct ggggtgccta atgagtgagc taactcacat taattgcgtt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc
2401  cagctgcatt aatgaatcgg ccaacgcgcg gggagaggcg gtttgcgtat tgggcgctct tccgcttcct cgctcactga ctcgctgcgc tcggtcgttc
2501  ggctgcggcg agcggtatca gctcactcaa aggcggtaat acggttatcc acagaatcag gggataacgc aggaaagaac atgtgagcaa aaggccagca
2601  aaaggccagg aaccgtaaaa aggccgcgtt gctggcgttt ttccataggc tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg
2701  cgaaacccga caggactata aagataccag gcgtttcccc ctggaagctc cctcgtgcgc tctcctgttc cgaccctgcc gcttaccgga tacctgtccg
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3101  ctctgctgaa gccagttacc ttcggaaaaa gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcggtggt ttttttgttt gcaagcagca
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4301  attgtctcat gagcggatac atatttgaat gtatttagaa aaataaacaa ataggggttc cgcgcacatt tccccgaaaa gtgccacctg acgtctaaga
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> RDC1031 Translated Insert Sequence

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 101  frptllndtg nytcmlrntt ycskvafple vvqkdscfns pmklpvhkly ieygiqritc pnvdgyfpss vkptitwymg cykiqnfnnv ipegmnlsfl
 201  ialisnngny tcvvtypeng rtfhltrtlt vkvvgspkna vppvihspnd hvvyekepge ellipctvyf sflmdsrnev wwtidgkkpd ditidvtine
 301  sishsrtede trtqilsikk vtsedlkrsy vcharsakge vakaakvkqk vpaprytvel acgfgatvll vvilivvyhv ywlemvlfyr ahfgtdetil
 401  dgkeydiyvs yarnaeeeef vlltlrgvle nefgyklcif drdslpggiv tdetlsfiqk srrllvvlsp nyvlqgtqal lelkaglenm asrgninvil
 501  vqykavketk vkelkraktv ltvikwkgek skypqgrfwk qlqvampvkk sprrsssdeq glsysslknv
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