*h*IL-1 RI VersaClone cDNA

Catalog Number: RDC1258

Specifications:

Gene:	*h*IL1R1
Accession:	NP_000868
Insert size:	1724bp
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

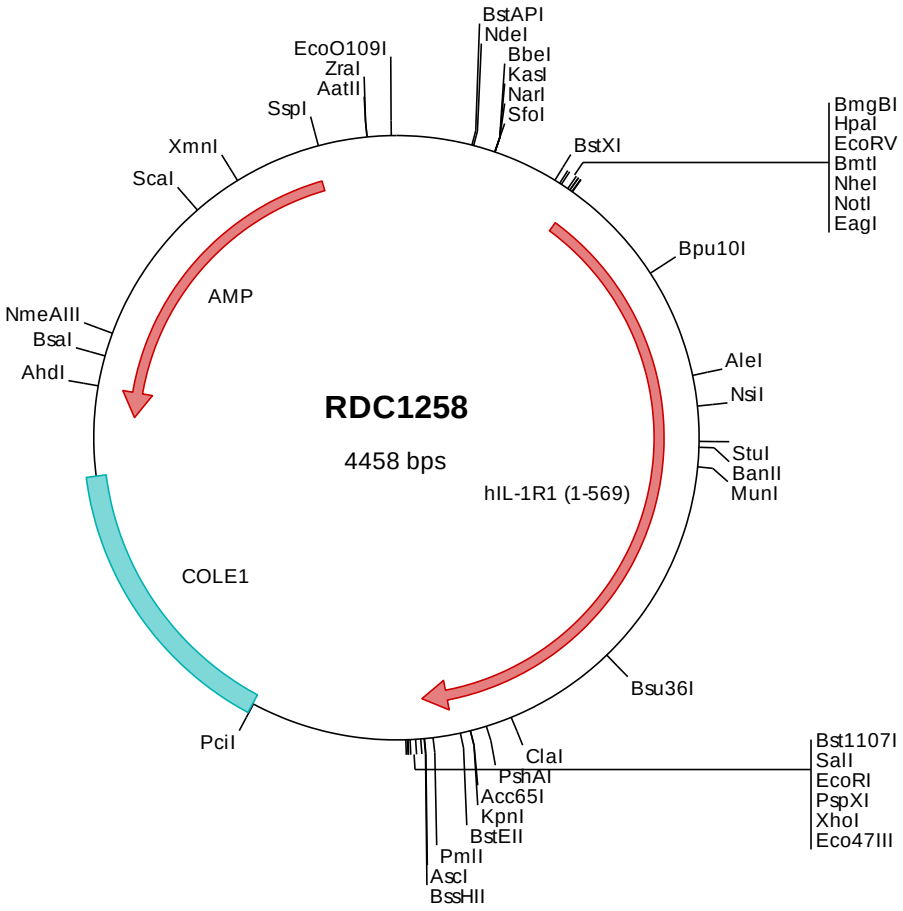
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*IL-1RI cDNA Plasmid

IL1R1 interleukin 1 receptor, type I [*Homo sapiens* (human)]

Also known as: P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha

Summary:
IL1R1 is a cytokine receptor that belongs to the interleukin-1 receptor family. It is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. It is expressed predominantly by T cells, fibroblasts, and endothelial cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1258 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 atgaaagtgt tactcagact tatttgtttc atagctctac tgatttcttc
 501  tctggaggct gataaatgca aggaacgtga agaaaaaata attttagtgt catctgcaaa tgaaattgat gttcgtccct gtcctcttaa cccaaatgaa
 601  cacaaaggca ctataacttg gtataaagat gacagcaaga cacctgtatc tacagaacaa gcctccagga ttcatcaaca caaagagaaa ctttggtttg
 701  ttcctgctaa ggtggaggat tcaggacatt actattgcgt ggtaagaaat tcatcttact gcctcagaat taaaataagt gcaaaatttg tggagaatga
 801  gcctaactta tgttataatg cacaagccat atttaagcag aaactacccg ttgcaggaga cggaggactt gtgtgccctt atatggagtt ttttaaaaat
 901  gaaaataatg agttacctaa attacagtgg tataaggatt gcaaaccctct acttcttgac aatatacact ttagtggagt caaagatagg ctcatcgtga
1001  tgaatgtggc tgaaaagcat agagggaact atacttgtca tgcatcctac acatacttgg gcaagcaata tcctattacc cgggtaatag aatttattac
1101  tctagaggaa aacaaaccca caaggcctgt gattgtgagc ccagctaatg agacaatgga agtagacttg ggatcccaga tacaattgat ctgtaatgtc
1201  accggccagt tgagtgacat tgcttactgg aagtggaatg ggtcagtaat tgatgaagat gacccagtgc taggggaaga ctattacagt gtggaaaatc
1301  ctgcaaacaa aagaaggagt accctcatca cagtgcttaa tatatcggaa attgaaagta gattttataa acatccattt acctgttttg ccaagaatac
1401  acatggtata gatgcagcat atatccagtt aatatatcca gtcactaatt tccagaagca catgattggt atatgtgtca cgttgacagt cataattgtg
1501  tgttctgttt tcatctataa aatcttcaag attgacattg tgctttggta cagggattcc tgctatgatt ttctcccaat aaaagcttca gatggaaaga
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1701  acagtgtgga tataagctgt tcatttatgg aagggatgac tacgttgggg aagacattgt tgaggtcatt aatgaaaacg taaagaaaag cagaagactg
1801  attatcattt tagtcagaga aacatcaggc ttcagctggc tgggtggttc atctgaagag caaatagcca tgtataatgc tcttgttcag gatggaatta
1901  aagttgtcct gcttgagctg gagaaaatcc aagactatga gaaaatgcca gaatcgatta aattcattaa gcagaaacat ggggctatcc gctggtcagg
2001  ggactttaca cagggaccac agtctgcaaa gacaaggttc tggaagaatg tcaggtacca catgccagtc cagcgacggt caccttcatc taaacaccag
2101  ttactgtcac cagccactaa ggagaaactg caaagagagg ctcacgtgcc tctcgggtaa aaggcgcgcc agtatactct agagtcgaca cccggggaat
2201  tcctcgagcg ctcgtctcta gcttggcgta atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcacaattc cacacaacat acgagccgga
2301  agcataaagt gtaaagcctg gggtgcctaa tgagtgagct aactcacatt aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtcgtgcc
2401  agctgcatta atgaatcggc caacgcgcgg ggagaggcgg tttgcgtatt gggcgctctt ccgcttcctc gctcactgac tcgctgcgct cggtcgttcg
2501  gctgcggcga gcggtatcag ctcactcaaa ggcggtaata cggttatcca cagaatcagg ggataacgca ggaaagaaca tgtgagcaaa aggccagcaa
2601  aaggccagga accgtaaaaa ggccgcgttg ctggcgtttt tccataggct ccgcccccct gacgagcatc acaaaaatcg acgctcaagt cagaggtggc
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3701  tgttgccatt gctacaggca tcgtggtgtc acgctcgtcg tttggtatgg cttcattcag ctccggttcc caacgatcaa ggcgagttac atgatccccc
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3901  attctcttac tgtcatgcca tccgtaagat gcttttctgt gactggtgag tactcaacca agtcattctg agaatagtgt atgcggcgac cgagttgctc
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4101  ttaccgctgt tgagatccag ttcgatgtaa cccactcgtg cacccaactg atcttcagca tcttttactt tcaccagcgt ttctgggtga gcaaaaacag
4201  gaaggcaaaa tgccgcaaaa aagggaataa gggcgacacg gaaatgttga atactcatac tcttcctttt tcaatattat tgaagcattt atcagggtta
4301  ttgtctcatg agcggataca tatttgaatg tatttagaaa aataaacaaa taggggttcc gcgcacattt ccccgaaaag tgccacctga cgtctaagaa
4401  accattatta tcatgacatt aacctataaa aataggcgta tcacgaggcc ctttcgtc
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> RDC1258 Translated Insert Sequence

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101  ssyclrikis akfvenepnl cynaqaifkq klpvagdggl vcpymeffkn ennelpklqw ykdckpllld nihfsgvkdr livmnvaekh rgnytchasy
201  tylgkqypit rviefitlee nkptrpvivs panetmevdl gsqiqlicnv tgqlsdiayw kwngsvided dpvlgedyys venpankrrs tlitvlnise
301  iesrfykhpf tcfaknthgi daayiqliyp vtnfqkhmig icvtltviiv csvfiykifk idivlwyrds cydflpikas dgktydayil ypktvgegst
401  sdcdifvfkv lpevlekqcg yklfiygrdd yvgedivevi nenvkksrrl iiilvretsg fswlggssee qiamynalvq dgikvvllel ekiqdyekmp
501  esikfikqkh gairwsgdft qgpqsaktrf wknvryhmpv qrrspsskhq llspatkekl qreahvplg
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