*h*DCIR/CLEC4A VersaClone cDNA

Catalog Number: RDC1622

Specifications:

Gene:	*h*CLEC4A
Accession:	NP_057268
Insert size:	727bp
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

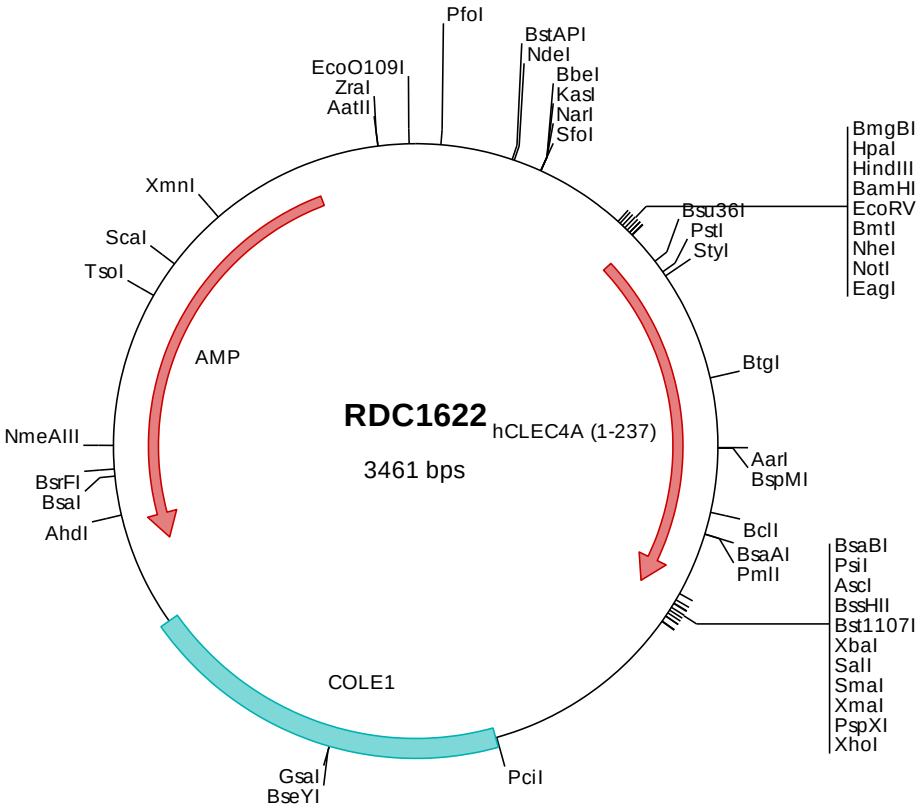
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*DCIR/CLEC4A cDNA Plasmid

CLEC4A C-type lectin domain family 4 member A [*Homo sapiens* (human)]

Also known as: DCIR; LLIR; CD367; DDB27; CLECSF6; HDCGC13P

Summary:
CLEC4A is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. CLEC4A is a type II transmembrane protein and may play a role in inflammatory and immune response. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1622 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 atgacttcgg aaatcactta tgctgaagtg aggttcaaaa atgaattcaa
 501  gtcctcaggc atcaacacag cctcttctgc agcttccaag gagaggactg cccctcacaa aagtaatacc ggattcccca agctgctttg tgcctcactg
 601  ttgatatttt tcctgctatt ggcaatctca ttctttattg cttttgtcat tttctttcaa aaatattctc agcttcttga aaaaaagact acaaaagagc
 701  tggttcatac aacattggag tgtgtgaaaa aaaatatgcc cgtggaagag acagcctgga gctgttgccc aaagaattgg aagtcattta gttccaactg
 801  ctactttatt tctactgaat cagcatcttg gcaagacagt gagaaggact gtgctagaat ggaggctcac ctgctggtga taaacactca agaagagcag
 901  gatttcatct tccagaatct gcaagaagaa tctgcttatt ttgtggggct ctcagatcca gaaggtcagc gacattggca atgggttgat cagacaccat
1001  acaatgaaag ttccacattc tggcatccac gtgagcccag tgatcccaat gagcgctgcg ttgtgctaaa ttttcgtaaa tcacccaaaa gatggggctg
1101  gaatgatgtt aattgtcttg gtcctcaaag gtcagtttgt gagatgatga agatccactt ataaggcgcg gccagtatac tctagagtcg acacccgggg
1201  aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg aaattgttat ccgctcacaa ttccacacaa catacgagcc
1301  ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt
1401  gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgctgc gctcggtcgt
1501  tcggctgcgg cgagcggtat cagctcactc aaaggcggta atacggttat ccacagaatc aggggataac gcaggaaaga acatgtgagc aaaaggccag
1601  caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca agtcagaggt
1701  ggcgaaaccc gacaggacta taaagatacc aggcgtttcc ccctggaagc tccctcgtgc gctctcctgt tccgaccctg ccgcttaccg gatacctgtc
1801  cgcctttctc ccttcgggaa gcgtggcgct ttctcaatgc tcacgctgta ggtatctcag ttcggtgtag gtcgttcgct ccaagctggg ctgtgtgcac
1901  gaaccccccg ttcagcccga ccgctgcgcc ttatccggta actatcgtct tgagtccaac ccggtaagac acgacttatc gccactggca gcagccactg
2001  gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagttcttg aagtggtggc ctaactacgg ctacactaga aggacagtat ttggtatctg
2101  cgctctgctg aagccagtta ccttcggaaa aagagttggt agctcttgat ccggcaaaca aaccaccgct ggtagcggtg gttttttttgt ttgcaagcag
2201  cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct gacgctcagt ggaacgaaaa ctcacgttaa gggattttgg
2301  tcatgagatt atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta aatcaatcta aagtatatat gagtaaacttt ggtctgacag
2401  ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc gttcatccat agttgcctga ctccccgtcg tgtagataac tacgatacgg
2501  gagggcttac catctggccc cagtgctgca atgataccgc gagacccacg ctcaccggct ccagatttat cagcaataaa ccagccagcc ggaagggccg
2601  agcgcagaag tggtcctgca actttatccg cctccatcca gtctattaat tgttgccggg aagctagagt aagtagttcg ccagttaata gtttgcgcaa
2701  cgttgttgcc attgctacag gcatcgtggt gtcacgctcg tcgtttggta tggcttcatt cagctccggt tcccaacgat caaggcgagt tacatgatcc
2801  cccatgttgt gcaaaaaagc ggttagctcc ttcggtcctc cgatcgttgt cagaagtaag ttggccgcag tgttatcact catggttatg gcagcactgc
2901  ataattctct tactgtcatg ccatccgtaa gatgcttttc tgtgactggt gagtactcaa ccaagtcatt ctgagaatag tgtatgcggc gaccgagttg
3001  ctctttgcccg gcgtcaatac gggataatac cgcgccacat agcagaactt taaaagtgct catcattgga aaacgttctt cggggcgaaa actctcaagg
3101  atcttaccgc tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca gcatctttta ctttcaccag cgtttctggg tgagcaaaaa
3201  caggaaggca aaatgccgca aaaaagggaa taagggcgac acggaaatgt tgaatactca tactcttcct ttttcaatat tattgaagca tttatcaggg
3301  ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaatagggggt tccgcgcaca tttccccgaa aagtgccacc tgacgtctaa
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> RDC1622 Translated Insert Sequence

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101  tawsccpknw ksfssncyfi stesaswqds ekdcarmeah llvintqeeq dfifqnlqee sayfvglsdp egqrhwqwvd qtpynesstf whprepsdpn
201  ercvvlnfrk spkrwgwndv nclgpqrsvc emmkihl
```