*h*ICAM-4 VersaClone cDNA

Catalog Number: RDC0895

Specifications:

Gene:	*h*ICAM4
Accession:	NP_001535
Insert size:	829bp
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

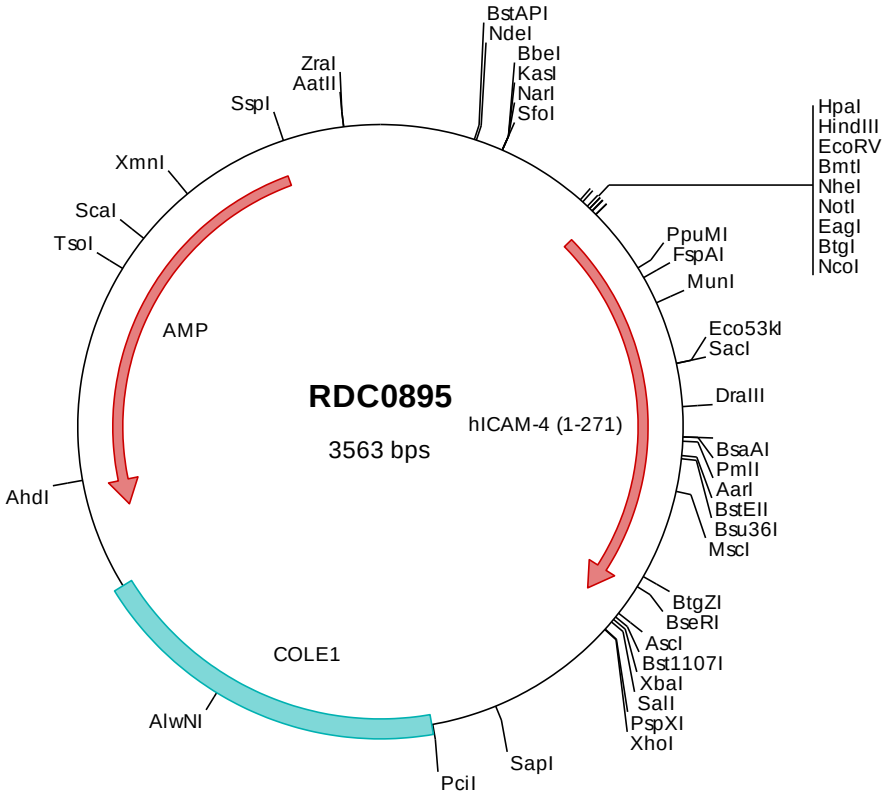
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*ICAM-4 cDNA Plasmid

ICAM4 intercellular adhesion molecule 4 (Landsteiner-Wiener blood group) [*Homo sapiens* (human)]

Also known as: LW; CD242

Summary:
ICAM4 belongs to the Landsteiner-Wiener (LW) blood group antigen(s) and is a member of the intercellular adhesion molecule (ICAM) protein family, Ig superfamily. It is expressed on erythrocytes and erythroblasts. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. ICAM4 is also a ligand for Mac-1 and CD11c/CD18, plus alpha4beta1 and alphaV integrins. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0895 Plasmid DNA Sequence

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 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 atggggtctc tgttccctct gtcgctgctg ttttttttgg ctgccgccta
 501  cccgggagtt gggagcgcgc tgggacgccg gactaagcgg gcgcaaagcc ccaagggtag ccctctcgcg ccctccggga cctcagtgcc cttctgggtg
 601  cgcatgagcc cggagttcgt ggctgtgcag ccggggaagt cagtgcagct caattgcagc aacagctgtc cccagccgca gaattccagc ctccgcaccc
 701  cgctgcggca aggcaagacg ctcagagggc cgggttgggt gtcttaccag ctgctcgacg tgagggcctg gagctccctc gcgcactgcc tcgtgacctg
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1901  tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc
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2201  tgcgctctgc tgaagccagt taccttcgga aaaagagttg gtagctcttg atccggcaaa caaaccaccg ctggtagcgg tggttttttt gtttgcaagc
2301  agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt ctgacgctca gtggaacgaa aactcacgtt aagggatttt
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> RDC0895 Translated Insert Sequence

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