*h*JAM-B/VE-JAM VersaClone cDNA

Catalog Number: RDC1609

Specifications:

Gene:	*h*JAM2
Accession:	NP_067042
Insert size:	910bp
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

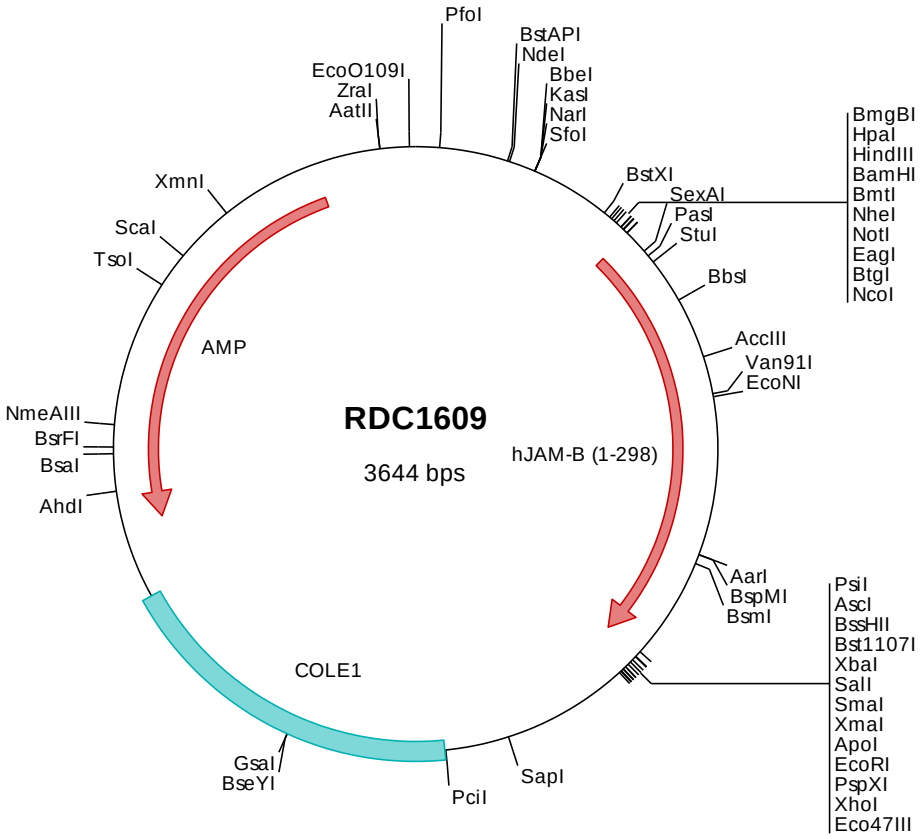
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*JAM-B/VE-JAM cDNA Plasmid

JAM2 junctional adhesion molecule 2 [*Homo sapiens* (human)]

Also known as: JAMB; CD322; JAM-B; VEJAM; PRO245; VE-JAM; C21orf43

Summary:
JAM-B belongs to the immunoglobulin superfamily and the junctional adhesion molecular (JAM) family. It is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1609 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 atggcgagga ggagccgcca ccgcctcctc ctgctgctgc tgcgctacct
 501  ggtggtcgcc ctgggctatc ataaggccta tgggttttct gccccaaaag accaacaggt agtcacagca gtagagtacc aagaggctat tttagcctgc
 601  aaaaccccaa agaagactgt ttcctccaga ttagagtgga agaaactggg tcggagtgtc tcctttgtct actatcaaca gactcttcaa ggtgatttta
 701  aaaatcgagc tgagatgata gatttcaata tccggatcaa aaatgtgaca agaagtgatg cggggaaata tcgttgtgaa gttagtgccc catctgagca
 801  aggccaaaac ctggaagagg atacagtcac tctggaagta ttagtggctc cagcagttcc atcatgtgaa gtacctcttt ctgctctgag tggaactgtg
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1301  caatgagtga aaatgatttc aagcacacaa aatcctttat aatttaaagg cgcgccagta tactctagag tcgacacccg gggaattcct cgagcgctcg
1401  tctctagctt ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt tatccgctca caattccaca caacatacga gccggaagca taaagtgtaa
1501  agcctggggt gcctaatgag tgagctaact cacattaatt gcgttgcgct cactgcccgc tttccagtcg ggaaacctgt cgtgccagct gcattaatga
1601  atcggccaac gcgcggggag aggcggtttg cgtattgggc gctcttccgc ttcctcgctc actgactcgc tgcgctcggt cgttcggctg cggcgagcgg
1701  tatcagctca ctcaaaggcg gtaatacggt tatccacaga atcaggggat aacgcaggaa agaacatgtg agcaaaaggc cagcaaaagg ccaggaaccg
1801  taaaaaggcc gcgttgctgg cgtttttcca taggctccgc cccctgacg agcatcacaa aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga
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2001  gaagcgtggc gctttctcaa tgctcacgct gtaggtatct cagttcggtg taggtcgttc gctccaagct gggctgtgtg cacgaacccc ccgttcagcc
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2201  gcgaggtatg taggcggtgc tacagagttc ttgaagtggt ggcctaacta cggctacact agaaggacag tatttggtat ctgcgctctg ctgaagccag
2301  ttaccttcgg aaaaagagtt ggtagctctt gatccggcaa acaaaccacc gctggtagcg gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa
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2701  ccccagtgct gcaatgatac cgcgagaccc acgctcaccg gctccagatt tatcagcaat aaaccagcca gccggaaggg ccgagcgcag aagtggtcct
2801  gcaactttat ccgcctccat ccagtctatt aattgttgcc gggaagctag agtaagtagt tcgccagtta atagtttgcg caacgttgtt gccattgcta
2901  caggcatcgt ggtgtcacgc tcgtcgtttg gtatggcttc attcagctcc ggttcccaac gatcaaggcg agttacatga tcccccatgt tgtgcaaaaa
3001  agcggttagc tccttcggtc ctccgatcgt tgtcagaagt aagttggccg cagtgttatc actcatggtt atggcagcac tgcataattc tcttactgtc
3101  atgccatccg taagatgctt ttctgtgact ggtgagtact caaccaagtc attctgagaa tagtgtatgc ggcgaccgag ttgctcttgc ccggcgtcaa
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3301  atccagttcg atgtaaccca ctcgtgcacc caactgatct tcagcatctt ttactttcac cagcgtttct gggtgagcaa aaacaggaag gcaaaatgcc
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3601  gacattaacc tataaaaata ggcgtatcac gaggcccttt cgtc
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> RDC1609 Translated Insert Sequence

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 101  rsdagkyrce vsapseqgqn leedtvtlev lvapavpsce vpssalsgtv velrcqdkeg npapeytwfk dgirllenpr lgsqstnssy tmntktgtlq
 201  fntvskldtg eyscearnsv gyrrcpgkrm qvddlnisgi iaavvvvalv isvcglgvcy aqrkgyfske tsfqksnsss kattmsendf khtksfii
```