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

Catalog Number: RDC2424

Specifications:

Gene:	*m*Jam2
Accession:	NP_076333
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

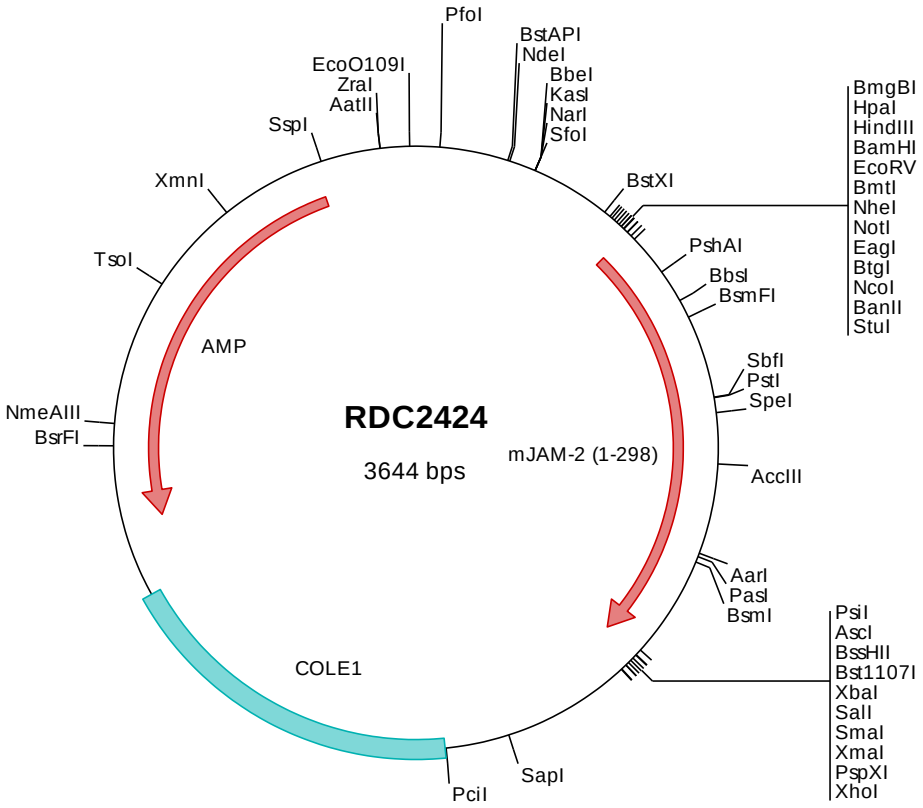
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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

Jam2 junction adhesion molecule 2 [*Mus musculus* (house mouse)]

Also known as: JAM-2; JAM-B; Jcam2; VE-JAM; 1110002N23Rik; 2410030G21Rik; 2410167M24Rik

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2424 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 gcccccaagg cctcctgatg ctgctgctgc tacactactt
 501  gatcgtcgcc ctggactatc ataaggcaaa tgggttttct gcatcaaaag accaccgtca agaagtcaca gtaatagagt tccaagaggc tattttggct
 601  tgtaaaaccc caaagaagac tacctcctcc agactggagt ggaagaaggt gggacagggg gtctccttgg tctactacca acaggctctc caaggtgact
 701  ttaaagaccg tgctgagatg atagatttca atatacgaat caaaaatgtt acaagaagtg atgctggaga gtatcgctgt gaagtcagcg ctccgactga
 801  gcaaggccag aacctgcagg aagataaagt catgctagaa gtactagtgg ctcctgctgt tcctgcctgt gaagtgccca cttctgttat gactggaagt
 901  gtggtggagc tacgatgcca ggataaagaa ggaaacccag ctccggagta catctggttt aaagatggca caagtttgct agggaatcca aaaggcggca
1001  cacacaacaa cagctcgtac acaatgaaca cgaagtctgg aattctgcaa ttcaacatga tttccaagat ggacagtgga gagtattact gcgaagcccg
1101  gaactctgtc ggacaccgca ggtgccctgg gaagcgaatg caagtagatg ttctcaacat aagcggcatc atagcaacgg ttgtggtggt ggccttcgtg
1201  atttctgtat gtggccttgg cacatgctat gctcagagga aaggctactt ttcaaaagaa acttccttcc agaagggcag tcctgcatct aaagtcacta
1301  cgatgagcga 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
1901  ctataaagat accaggcgtt tccccctgga agctccctcg tgcgctctcc tgttccgacc ctgccgctta ccggatacct gtccgccttt ctcccttcgg
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2101  cgaccgctgc gccttatccg gtaactatcg tcttgagtcc aacccggtaa gacacgactt atcgccactg gcagcagcca ctggtaacag gattagcaga
2201  gcgaggtatg taggcggtgc tacagagttc ttgaagtggt ggcctaacta cggctacact agaaggacag tatttggtat ctgcgctctg ctgaagccag
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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
3201  tacgggataa taccgcgcca catagcagaa ctttaaaagt gctcatcatt ggaaaacgtt cttcggggcg aaaactctca aggatcttac cgctgttgag
3301  atccagttcg atgtaaccca ctcgtgcacc caactgatct tcagcatctt ttactttcac cagcgtttct gggtgagcaa aaacaggaag gcaaaatgcc
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3501  gatacatatt tgaatgtatt tagaaaaata aacaaatagg ggttccgcgc acatttcccc gaaaagtgcc acctgacgtc taagaaacca ttattatcat
3601  gacattaacc tataaaaata ggcgtatcac gaggcccttt cgtc
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> RDC2424 Translated Insert Sequence

```
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101  trsdageyrc evsapteqgq nlqedkvmle vlvapavpac evptsvmtgs vvelrcqdke gnpapeyiwf kdgtsllgnp kggthnnssy tmntksgilq
201  fnmiskmdsg eyycearnsv ghrrcpgkrm qvdvlnisgi iatvvvvafv isvcglgtcy aqrkgyfske tsfqkgspas kvttmsendf khtksfii
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