*h*JAM-A VersaClone cDNA

Catalog Number: RDC1608

Specifications:

Gene:	*h*F11R
Accession:	NP_058642
Insert size:	913bp
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

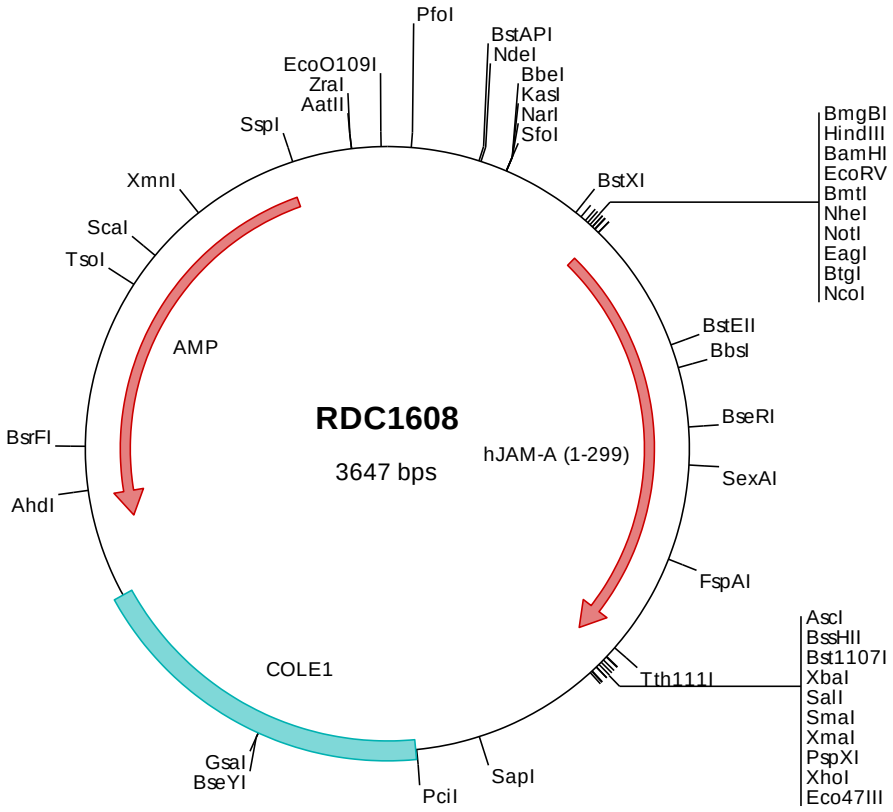
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*JAM-A cDNA Plasmid

F11R F11 receptor [*Homo sapiens* (human)]

Also known as: JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1

Summary:
JAM-A belongs to the immunoglobulin superfamily and the junctional adhesion molecular (JAM) family. JAM-A is a transmembrane receptor that is predominantly expressed at intercellular junctions of both epithelial and endothelial cells. JAM-A exhibits homophilic interactions to regulate tight junction assembly and modulate paracellular permeability. This homophilic interaction also mediates platelet aggregation and adhesion to endothelial cells and may play a role in thrombosis. JAM-A is also a ligand for the integrin LFA1, involved in leukocyte transmigration, and a receptor for reovirus.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1608 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 atggggacaa aggcgcaagt cgagaggaaa ctgttgtgcc tcttcatatt
 501  ggcgatcctg ttgtgctccc tggcattggg cagtgttaca gtgcactctt ctgaacctga agtcagaatt cctgagaata atcctgtgaa gttgtcctgt
 601  gcctactcgg gcttttcttc tccccgtgtg gagtggaagt ttgaccaagg agacaccacc agactcgttt gctataataa caagatcaca gcttcctatg
 701  aggaccgggt gaccttcttg ccaactggta tcaccttcaa gtccgtgaca cgggaagaca ctgggacata cacttgtatg gtctctgagg aaggcggcaa
 801  cagctatggg gaggtcaagg tcaagctcat cgtgcttgtg cctccatcca agcctacagt taacatcccc tcctctgcca ccattgggaa ccgggcagtg
 901  ctgacatgct cagaacaaga tggttcccca ccttctgaat acacctggtt caaagatggg atagtgatgc ctacgaatcc caaaagcacc cgtgccttca
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1701  cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa
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2601  tcagtgaggc acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc
2701  tggccccagt gctgcaatga taccgcgaga cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt
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> RDC1608 Translated Insert Sequence

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 101  redtgtytcm vseeggnsyg evkvklivlv ppskptvnip ssatignrav ltcseqdgsp pseytwfkdg ivmptnpkst rafsnssyvl npttgelvfd
 201  plsasdtgey scearngygt pmtsnavrme avernvgviv aavlvtlill gilvfgiwfa ysrghfdrtk kgtsskkviy sqpsarsege fkqtssflv
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