*r*E-Selectin/CD62E VersaClone cDNA

Catalog Number: RDC3001

Specifications:

Gene:	*r*Sele
Accession:	NP_620234.1
Insert size:	1663bp
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

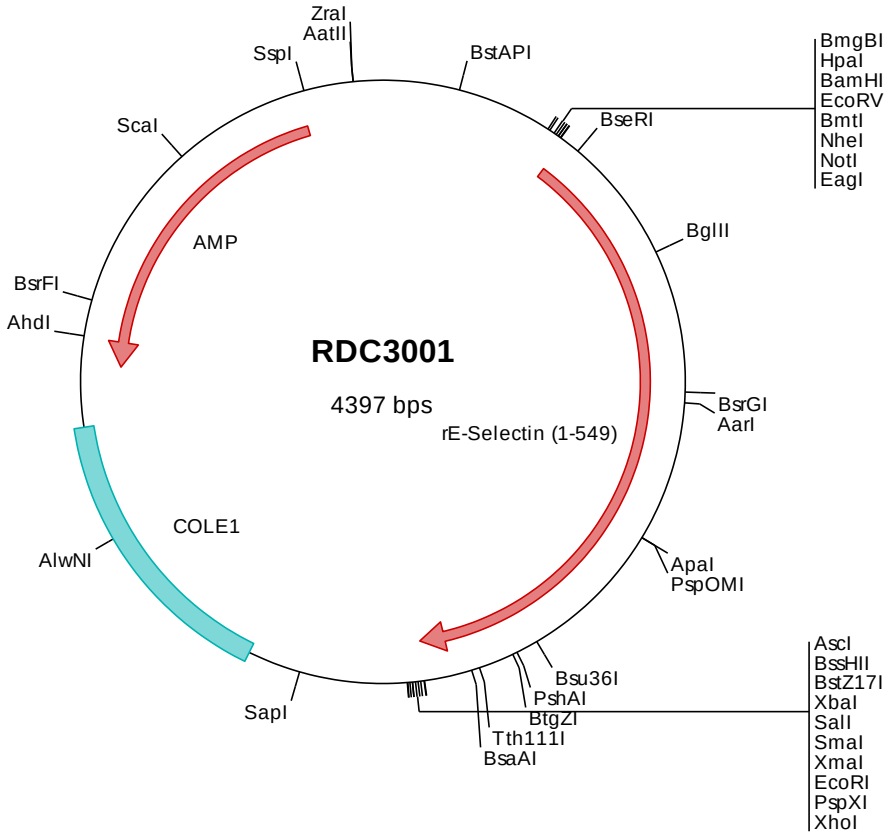
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*r*E-Selectin/CD62E cDNA Plasmid

Sele selectin E [*Rattus norvegicus* (Norway rat)]

Summary:

SELE is part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. SELE is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC3001 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 atgaatgcct cgtgctttct ctctgctctc acctttgttc tcctcattgg
 501  aaagagcata gcttggtact acaatgcctc cagtgagctc atgacatatg atgaagcaag tgcgtattgt caacgggact acacacatct ggtggcgatt
 601  cagaacaagg aagagatcaa ttacctaaac tccactctga ggtattcacc aagttattac tggattggaa tcagaaaagt caataatgta tggatctggg
 701  tggggaccca gaagcctctg acggaggaag ctaagaactg ggcgccaggt gaaccaaaca acaaacaaag aaacgaggac tgtgtagaga tctacatcca
 801  aagacccaaa gactccggca tgtggaatga cgagagatgt gacaaaaaga aactggctct gtgttacaca gcttcctgta ccaacacatc ctgcagtggt
 901  cacggtgaat gcgttgagac catcaatagt tatacctgca aatgtcaccc cggcttcctg ggacccaagt gtgaccaagt tgtgacctgc caagaacagg
1001  aataccctga ccatggaagc ctgaactgca cccacccatt cggcctcttc agctataatt catcctgctc cttcagctgt gaaaggggct atgtgcccag
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1201  cacggagtca ggaaatgttc ctcaaatcct gggagctacc catggaatac aacgtgcacg tttgactgtg aggaagggta caggagagtt ggagctcaga
1301  atctacagtg tacctcatcc ggtgtctggg acaacgagaa gccatcgtgc aaagctgtga cctgtgatgc catccctcgg cctcagaatg gctctgtgag
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1501  agtgcacaag ggcagtggac accacaaatc ccagtgtgca aagcttccca gtgtgaagcc ttatctgcac cacagcgagg ccacatgaaa tgtcttccca
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1701  ggagtgggac agcgaaaagc ccacatgtgc aggggtacag tgttcaagcc ttgaccttcc aggaaagatg aacatgagtt gcagtgggcc agcagttttt
1801  ggcacggtat gtgaatttac atgtcctgag ggttggacac tcaacggatc ttcaatcctg acatgtggtg ccacaggacg ctggtctgcg atgctgccta
1901  cttgtgaagc cccagccaac cctccccgtc ccttggtagt ggcactttct gtggcagcaa cctcacttct gacattgtcc tcattgatct acgtgttgaa
2001  gagattcttt tggaagaaag caaagaaatt cgttcctgct agtagctgcc aaagtcttca atcgtttgaa aactatcaag ggccttctta catcatctaa
2101  aggcgcgcca gtatactcta gagtcgacac ccggggaatt cctcgagcgc tcgtctctag cttggcgtaa tcatggtcat agctgtttcc tgtgtgaaat
2201  tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta actcacatta attgcgttgc
2301  gctcactgcc cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt ttgcgtattg ggcgctcttc
2401  cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg
2501  gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc tggcgttttt ccataggctc cgcccccctg
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3601  tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca cgctcgtcgt ttggtatggc ttcattcagc
3701  tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat cgttgtcaga agtaagttgg
3801  ccgcagtgtt atcactcatg gttatggcag cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa
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4201  cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg
4301  cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat cacgaggccc tttcgtc
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> RDC3001 Translated Insert Sequence

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 201  synssсsfsc ergyvpssme ttvrctssge wsapapachv veckaltqpa hgvrkcssnp gsypwnttct fdceegyrrv gaqnlqctss gvwdnekpsc
 301  kavtcdaipr pqngsvscsn stagalafks scnftcehsf tlqgpaqvec saqgqwtpqi pvckasqcea lsapqrghmk clpsasapfq sgssckfscd
 401  egfelkgsrr lqcgprgewd sekptcagvq cssldlpgkm nmscsgpavf gtvceftcpe gwtlngssil tcgatgrwsa mlptceapan pprplvvals
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