*h*E-Selectin/CD62E VersaClone cDNA

Catalog Number: RDC1818

Specifications:

Gene:	*h*SELE
Accession:	NP_000441
Insert size:	1885bp
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

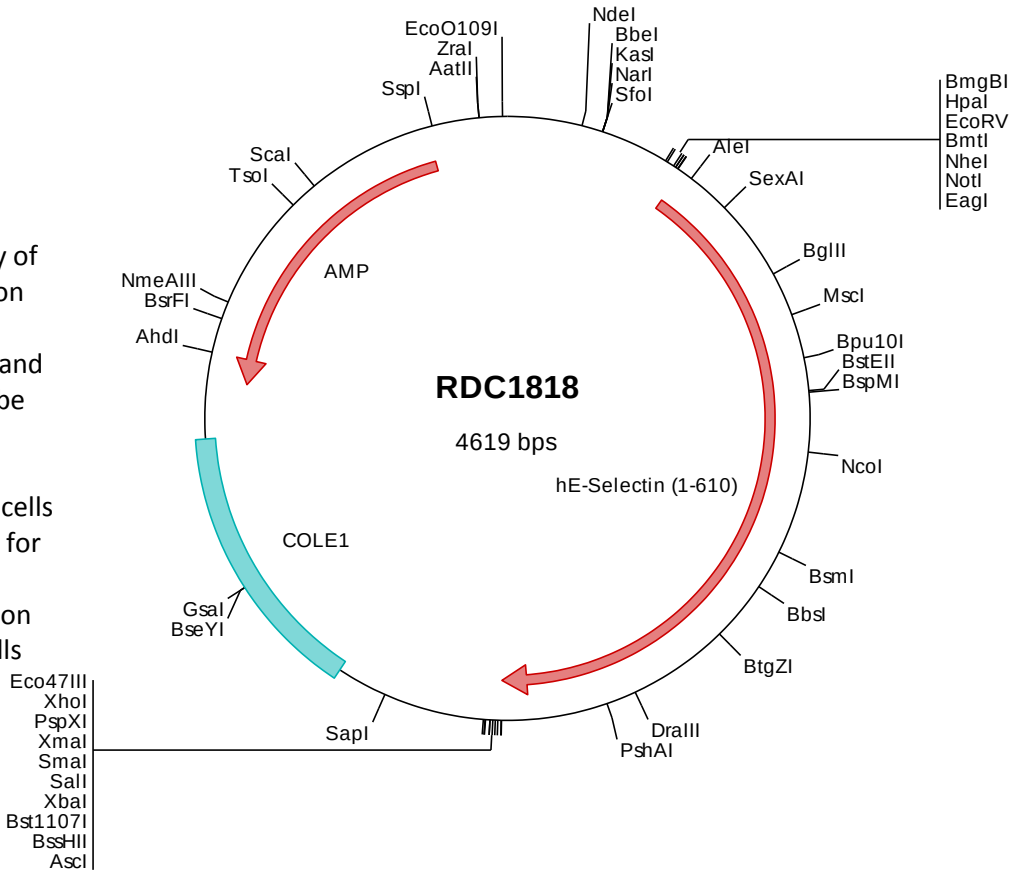
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*E-Selectin/CD62E cDNA Plasmid

SELE selectin E [Homo sapiens (human)]

Also known as: ELAM; ESEL; CD62E; ELAM1; LECAM2

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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> RDC1818 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 atgattgctt cacagtttct ctcagctctc actttggtgc ttctcattaa
 501  agagagtgga gcctggtctt acaacacctc cacggaagct atgacttatg atgaggccag tgcttattgt cagcaaaggt acacacacct ggttgcaatt
 601  caaaacaaag aagagataga gtacctaaac tccatattga gctattcacc aagttattac tggattggaa tcagaaaagt caacaatgtg tgggtctggg
 701  taggaaccca gaaacctctg acagaagaag ccaagaactg ggctccaggt gaacccaaca ataggcaaaa agatgaggac tgcgtggaga tctacatcaa
 801  gagagaaaaa gatgtgggca tgtggaatga tgagaggtgc agcaagaaga agcttgccct atgctacaca gctgcctgta ccaatacatc ctgcagtggc
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1001  aatcccctga gcatggaagc ctggtttgca gtcacccact gggaaacttc agctacaatt cttcctgctc tatcagctgt gataggggtt acctgccaag
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1701  gtgggacaac gagaagccca catgtgaagc tgtgagatgc gatgctgtcc accagccccc gaagggtttg gtgaggtgtg ctcattcccc tattggagaa
1801  ttcacctaca agtcctcttg tgccttcagc tgtgaggagg gatttgaatt acatggatca actcaacttg agtgcacatc tcagggacaa tggacagaag
1901  aggttccttc ctgccaagtg gtaaaatgtt caagcctggc agttccggga aagatcaaca tgagctgcag tggggagccc gtgtttggca ctgtgtgcaa
2001  gttcgcctgt cctgaaggat ggacgctcaa tggctctgca gctcggacat gtggagccac aggacactgg tctggcctgc tacctacctg tgaagctccc
2101  actgagtcca acattccctt ggtagctgga ctttctgctg ctggactctc cctcctgaca ttagcaccat ttctcctctg gcttcggaaa tgcttacgga
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2301  acaggtgcat ctggggaact aaaggcgcgc cagtatactc tagagtcgac acccggggaa ttcctcgagc gctcgtctct agcttggcgt aatcatggtc
2401  atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagccgg aagcataaag tgtaaagcct ggggtgccta atgagtgagc
2501  taactcacat taattgcgtt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc cagctgcatt aatgaatcgg ccaacgcgcg gggagaggcg
2601  gtttgcgtat tgggcgctct tccgcttcct cgctcactga ctcgctgcgc tcggtcgttc ggctgcggcg agcggtatca gctcactcaa aggcggtaat
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2801  ttccataggc tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg cgaaacccga caggactata aagataccag gcgtttcccc
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3601  tctatttcgt tcatccatag ttgcctgact ccccgtcgtg tagataacta cgatacggga gggcttacca tctggcccca gtgctgcaat gataccgcga
3701  gacccacgct caccggctcc agatttatca gcaataaacc agccagccgg aagggccgag cgcagaagtg gtcctgcaac tttatccgcc tccatccagt
3801  ctattaattg ttgccgggaa gctagagtaa gtagttcgcc agttaatagt ttgcgcaacg ttgttgccat tgctacaggc atcgtggtgt cacgctcgtc
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4501  aaataaacaa atagggggttc cgcgcacatt tccccgaaaa gtgccacctg acgtctaaga aaccattatt atcatgacat taacctataa aaataggcgt
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> RDC1818 Translated Insert Sequence

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 101  epnnrqkded cveiyikrek dvgmwnderc skkklalcyt aactntscsg hgecvetinn ytckcdpgfs glkceqivnc talespehgs lvcshplgnf
 201  synsscsisc drgylpssme tmqcmssgew sapipacnvv ecdavtnpan gfvecfqnpg sfpwnttctf dceegfelmg aqslqctssg nwdnekptck
 301  avtcravrqp qngsvrcshs pageftfkss cnftceegfm lqgpaqvect tqgqwtqqip vceafqctal snpergymnc lpsasgsfry gsscefsceq
 401  gfvlkgskrl qcgptgewdn ekptceavrc davhqppkgl vrcahspige ftyksscafs ceegfelhgs tqlectsqgq wteevpscqv vkcsslavpg
 501  kinmscsgep vfgtvckfac pegwtlngsa artcgatghw sgllptceap tesniplvag lsaaglsllt lapfllwlrk clrkakkfvp asscqslesd
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