

Product datasheet for RR203940

Sell (NM_019177) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sell (NM_019177) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sell
Synonyms:	A.11; L-selectin; LECAM-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR203940 representing NM_019177 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTGTTCATGGAGATGTCAGAGTGCTCAGCGGGCTCCTGGAGCTTCTGAAGCTGTGGATCTGGA
CACTGCTGTGTGATCTCCTGCCACACCATGGAACACTGTTGGACTTACCATTATTCTGAAAGATC
CATGAAGTGGGAAATGCTAGAAAGTTCTGCAAGCACAATTACACAGATTTAGTTGCTATACAAAATAAG
AGAGAAATGAGTATTTGAAAAGACATTACCCAAAACCCTACCTACTACTGGATAGGAATCAGGAAAA
TCGGGAAAACGTGGACATGGGTGGGAACCAACAAAACCCTCACAAAAGAAGCAGAGAAGTGGGTACTGG
GGAGCCCAACAACAAGAAGTCTAAGGAAGACTGGGTGGAGATCTATATCAAGAGGGAACGAGACTCTGGG
AAGTGGAAATGACGATGCCTGCCACAAAAGGAGCAGCTCTCTGTACACAGCCTCTGCCAACCCAGAAT
CTTGCAACCGCCATGGAGAATGTGTGAAAATCAACAATAACACCTGCATCTGTGACCCAGGGTATTA
TGGGCCCCAGTGTGAGTATGTGATCCAATGTGAGCCTTTGAAGGCCCTGAGCTGGGTACCATGAACTGT
ATTCACCCCTGGGAGACTTCAGCTTCCAGTCACAGTGTGCTTTCACTGTTCTGAGGGAAGCGAGCTAC
TTGGGAATGCAAAAACAGAGTGTGGAGCATCTGGAACCTGGACATATCTAGAGCCAATCTGTCAAGTGAT
TCAGTGCATGCCTTAGCAGCACCGGATCTGGGCACTATGGAATGCAGTCACCCCTCGCCAACCTTCAGT
TTACTTCTGCTTGTACCTTCACTGCTCAGAAGAACTGACTTAATTGGGGAGAGAAAAGTGTCTGCA
GATCATCTGGCTCCTGGTCTAGTCTAGTCCAATATGTCAAAAGACAAAGAGAAGTTTCTCAAAGATCAA
GGAAGGCGACTATAACCCCTCTTCATTCCAGTAGCTGTCATGGTCACTGCATTCTCAGGCTGGCATT
ATCATTGGCTGGCAAGGCGCTAAAAAAGGCAAGAAATCGCAGGAAAGGATGGATGATCCTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RR203940 representing NM_019177
 Red=Cloning site Green=Tags(s)

MVFPWRCQSAQRGWSFLLKLIWITLLCCDLLPHHGTHCWTYHYSERSMNWENARKFCKHNYIDLVAIQNK
 REIEYLEKTLPKNPTYWIGIRKIGKTTWVGTNKLTKAEENWGTGEPNNKSKEDCVEIYIKRERDSG
 KWND DACHKRKAALCYTASCQPESCNRHGECVETINNNTCICDPGYYPQCQYVIQCEPLKAPELGTMNC
 IHPLGDFSFQSQCAFNCSEGSSELLGNAKTECGASGNWYILEPICQVIQCMPLAAPDLGTMECSHPLANFS
 FTSACTFTCSEETDLIGERKTVCRSSGSSWSSPSPICQKTKRSFSKIKEGDYNPLFIPVAVMVTAFSGLAF
 IWLARRLKKGKKSQERMDDPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_019177

ORF Size: 1116 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_019177.3](#), [NP_062050.3](#)

RefSeq Size: 1580 bp

RefSeq ORF: 1119 bp

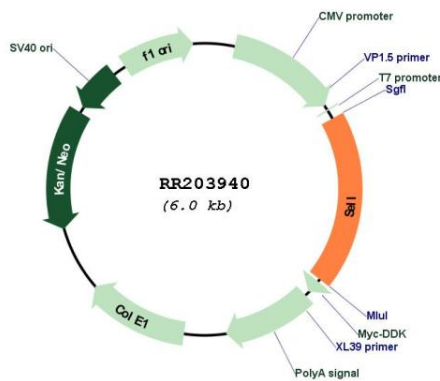
Locus ID: 29259

Cytogenetics: 13q23

MW: 42.5 kDa

Gene Summary: lymphocyte adhesion molecule that facilitates adhesion of lymphocytes to high endothelial venules [RGD, Feb 2006]

Product images:



Circular map for RR203940