

Product datasheet for **RR210903**

Sele (NM_138879) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sele (NM_138879) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sele
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR210903 representing NM_138879
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGCCTCGTCTTTCTCTGCTCTCACCTTTGTTCTCCTCATTGGAAGAGCATAGCTTGGTACT
 ACAATGCCTCCAGTGAGCTCATGACATATGATGAAGCAAGTGCGTATTGTCAACGGGACTACACACATCT
 GGTGGCGATTAGAAACAAGGAGATCAATTACCTAACTCCACTCTGAGGTATTCACCAAGTTATTAC
 TGGATTGGAATCAGAAAAGTCAATAATGTATGGATCTGGGTGGGGACCCAGAAGCCTCTGACGGAGGAAG
 CTAAGAACTGGGCGCCAGGTGAACCAAACAACAAGAAACGAGGACTGTGTAGAGATCTACATCCA
 AAGACCCAAAGACTCCGGCATGTGGAATGACGAGAGATGTGACAAAAGAACTGGCTCTGTGTACACA
 GCTTCTGTACCAACACATCCTGCAGTGGTCACGGTGAATGCGTTGAGACCATCAATAGTTATACCTGCA
 AATGTCACCCCGCTTCTGGACCCAAGTGTACCAAGTTGTGACCTGCCAAGAACAGGAATACCTGGA
 CCATGGAAGCCTGAACTGCACCCACCCATTCGGCCTCTCAGCTATAATTCATCCTGCTCCTTCAGCTGT
 GAAAGGGGCTATGTGCCAGCAGCATGGAGACCACAGTGCAGTGTACGCTCTGGAGAGTGGAGTGCAC
 CTGCTCCTGCCTGCCATGTGGTTGAATGTAAGCTTTGACCCAACCTGCCACGGAGTCAGGAAATGTT
 CTCAAATCCTGGGAGCTACCCATGGAATACAACGTGCACGTTTGATTGTGAGGAAGGGTACAGGAGAGTT
 GGAGCTCAGAATCTACAGTGTACCTCATCCGGTGTCTGGGACAACGAGAAGCCATCGTGCAAAGCTGTGA
 CCTGTGATGCCATCCCTCGGCCTCAGAAATGGCTCTGTGAGCTGCAGCAACTCAACGGCTGGAGCGCTTGC
 CTTAAGTCTTCTGTAATTTTACCTGTGAGCACAGTTTACATTGCAGGGCCCAGCCAGGTTGAATGC
 AGTGCACAAGGGCAGTGGACACCACAAATCCCAGTGTGCAAAGCTCCCAGTGTGAAGCCTTATCTGCAC
 CACAGCGAGGCCACATGAAATGTCTTCCAGTGCCTCTGCACCCCTCCAAGTGGTCCAGTTGTAAGTT
 CTCCTGTGACGAAGGATTTGAATTTGAAGGATCAAGAAGGCTTCAGTGTGGTCCAAGAGGGGAGTGGGAC
 AGCGAAAAGCCACATGTGACGGGTACAGTGTCAAGCCTTGACCTTCCAGGAAAGATGAACATGAGTT
 GCAGTGGGCCAGCAGTTTTTGGCACGGTATGTGAATTTACATGTCCTGAGGGTTGGACACTCAACGGATC
 TTCAATCTGACATGTGGTGCCACAGGACGCTGGTCTGCGATGCTGCCTACTTGTGAAGCCCAGCCAAC
 CCTCCCGTCCCTTGGTAGTGGCACTCTCTGTGGCAGCAACCTCACTTCTGACATTGTCTCATTGATCT
 ACGTGTGAAGAGATTCTTTGGAAGAAAGCAAAGAAATTCGTTCTGCTAGTAGCTGCCAAAGTCTTCA
 ATCGTTTGAAGAACTATCAAGGGCCTTCTACATCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

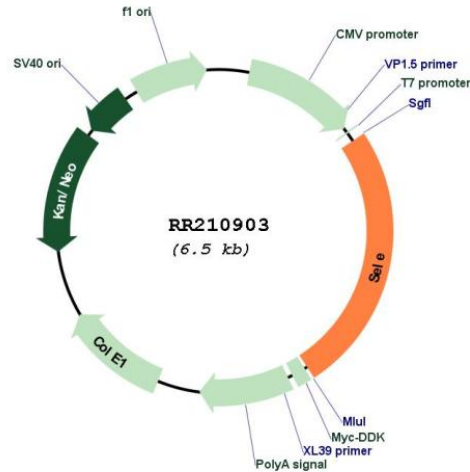
>RR210903 representing NM_138879
 Red=Cloning site Green=Tags(s)

MNASCFLSALTFVLLIGKSIAWYYNASSELMTYDEASAYCQRDYTHLVAIQNKEEINYLNSTLRYSPSY
 WIGIRKVNVIWVGTQKPLTEEAKNWAPGEPNNKQRNEDCVEIYIQRPKDSGMWNDERCDKLLALCYT
 ASCTNTSCSGHGECVETINSYTKCHPGFLGPKCDQVVTQEQEYDPDHGSLNCTHPFGLFSYNSSCSFSC
 ERGYVPSMETTVRCTSSGEWSAPAPACHVVECKALTQPAHGVRKCSSNPGSYPWNTTCTFDCEEYRRV
 GAQNLQCTSSGVWDNEKPSCKAVTCDIIPRPQNGSVSCSNSTAGALAFKSSCNFTCEHSFTLQGPQVE
 SAQGQWTPQIPVCKASQCEALSAPQRGHMKCLPSASAPFQSGSSCKFSCDEGFELKGSRRLLQCGPRGEWD
 SEKPTCAGVQCSSLDLPGKMNMSCGPVAVFTVCEFTCPGWTNLNGSSILTCGATGRWSAMLPTCEAPAN
 PPRPLVVALSVAATSLLLTSSLIYVLKRFFWKKAKKFVPASSCQSLQSFENYQGPSYII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Plasmid Map:


ACCN: NM_138879

ORF Size: 1647 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_138879.1](#), [NP_620234.1](#)

RefSeq Size: 3351 bp

RefSeq ORF: 1650 bp

Locus ID: 25544

UniProt ID: [P98105](#)

Cytogenetics: 13q23

MW: 60.1 kDa

Gene Summary: facilitates recruitment of leukocytes into sites of inflammation; plays a role in cell adhesion [RGD, Feb 2006]