

## Product datasheet for **RR204385**

### Selp (NM\_013114) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Selp (NM_013114) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Selp
Synonyms:	PSELECT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide  
Sequence:

>RR204385 representing NM\_013114  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGCCGGCTGCCAAAAGTTCTTGAAGCCAAGACTCCGGAGTGTAGTCTGGGAGCAGCTCAGCTTA  
TCTGGCTCAGTGCTTTGATCTCTGAGCTTGAAATCGAAAAGAAAGTGGCGACGTGGACCTATAACTACAG  
CAGCAAAGCATACTCATGGAATAACTCACGGGCATTCTGCAAGAGGCACTTCACAGACTTAGTGGCCATC  
CAGAACAAGAATGAAATCGCTCACCTCAATGACGTATCCCATACGTCAACTCTTACTACTGGATTGGTA  
TCCGAAAGATCAACAATAAGTGGACCTGGTGGGAACCAATAAGACTCTCACGGCGGAGGCTGAGAACTG  
GGCAGACAACGAGCCCAATAACAAGAGGAACAACCAGGACTGTGTGGAGATCTACATCAAGAGTAATTTCG  
GCCCTGGCAAGTGAATGATGAGCCCTGCTTTAAACGAAAGCGGGCCCTGTGCTACACAGCCTCCTGCC  
AGGACATGTCTTGAACAGCCAAGGGGAGCGCATCGAGACCATTGGGAGCTACACCTGCTCCTGCTACCC  
GGCTTCTATGGCCAGAGTGTGAATACGTCCAAGAGTGTGAAAATTCGACATCCCGCAACACGTTCTC  
ATGAACTGCAGCCACCCTCTGGGGGACTTCTCCTTCAGCTCACAGTGCACCTTCAGCTGTCTGAGGGCT  
ATGACCTGAACGACCCAGTGAATGCAATGTTTGGCCTCTGGAATCTGGACAAAATAATCCCCCGCAGTG  
TAAAGCTGTGAGTGCAGAGCCTGGAAGCCCCTCCTCATGGAACCATGGACTGTACACACCCATTGGCT  
GCCTTTGCCTATGACTCCAGCTGTAATTTGAGTGCCAGCCTGGATATCGGATGAGGGGCTCTGACATAC  
TCCACTGCACTGACTCTGGTCACTGGAGTGAACCATGCCAACCTGTGAAGCCATTGCATGCGAACCCGCT  
GGAGAGCCCCCTCATGGGAGCATGGACTGCTTCCCATCCACAGGAGCATTGGGTACAACAGCAGCTGC  
ACTTTTCGCTGCAGAGGGATTGCTGTGATGGGAAATGATGCCATTGATGTGCTGACTTGGGGCAGT  
GGACAGCCCCAGCCCCAGTCTGTGAAGCGTTGCAATGTGAGGATTTCCGGTCCCAAGTAAAGCCAGGT  
GAGCTGTCTGGACCCCTTCGGACCCTTGAAGTACCAGTACGCTGCAGCTTTTCCCTGTGATGAAGGCTCA  
CTCTTGGTGGGAGCAAGTGTGATAAGATGCTTGGCTACTGGACACTGGAGTGAAGGCCCTCCTGAATGTC  
AAGCTGTCTCCTGCACCCCTTTGCTCAGCCCTGAGAATGGAACCATGACGTGTATCCAGCCTCTTGGGCA  
TTCCAATAACAAATCCACATGCCAGTTCATGTGTGACGAAGGATTTTATCTATCTGGACCAGAAAGATTG  
GACTGTTCTCCATCTGGACACTGGACAGGCAGCCCTCCAATGTGTGAAGCCATCAAGTCCCAGAAATCT  
TTGCCCCAGAACAGGCAGCTTGGACTGCTCTCATGTTTATGGAGAATTCAGTGTCCGCTCCACCTGTCA  
CTTCTCCTGCAACGAGGAGTTTGAAGCTCCTGGATCTCGAAATGTGGAGTGCACAGTGTCTGGAAGATGG  
TCAGCGCTCCACCAACCTGCAAAGGTGAACATCACTTCTGTCCCATCGGTTTCGATGCCCGCCCTCA  
CTACTCCTGGACAGGGACAATGTCCTGTGACACCACCTGAAAAGCTTTGGTCCGAACACCACTTGTTA  
CTTTGGGTGCAAAACAGGATTTACACTCAGAGGAGCCAACCTCTCTCCGCTGCGGGGCTTCAAGGACATGG  
ACAGCAGTGAACCCGCTGTGAGAGCCGTCAAATGCTCAGAATTGCACATGGACACAGCAGTCCGGATGA  
ACTGTTCAACCCCTGGGAAACTTTAGCTACGGATCAACCTGTGCCTTCCACTGTCCAGAGGGGCAGTC  
ACTGAATGGCTCTGCCAGGACAACCTGCGGAGAGGACGGTCACTGGTCAAGTGTATGCCAACCTGCCAA  
GCAGGGACGCTGACGATCCAGGAAGCTGACTTACTTGGGTGGCGCCTTGGCTTCTACTTCTGGCCTGG  
CAGTGGGCGGACGCTACTGGCTCTGCTAAGAAAGCGTCTCAGAAAGAAAGATGATGAAAATGCCCCCT  
GAACCTCACAGCCACCTAGGAACATATGGAGTCTTACGAACGCTGCATATGACCCAACCCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204385 representing NM\_013114  
 Red=Cloning site Green=Tags(s)

MAGCPKGSWKPRLRSVVLGAAQLIWL SALISELVNRKKVATWYNYSTKAYSWNNSRAFCKRHFTDLVAI  
 QNKNEIAHLNDVIPVNSYYWIGIRKINNKTWVGTNKTLTAEENWADNEPNNKRNNQDCVEIYIKSNS  
 APGKWNDPECFKRKRALCYTASCQDMSCNSQGERIETIGSYTCSQYGFYGPCEYVYQECGKFDIPQHV  
 MNCSHPLGDFSFSSQCTFSCEPEGYDLNGPSEMQLASGIWNTNPPQCKAVQCQSLEAPLHGTMDCTHPLA  
 AFAYDSSCKFECQPGYMRGSDILHCTDSGQWSEPLPTCEAIACEPLESPLHGSMDCFPSTGAFGYNSSC  
 TFRCTEGFVLMGNDAIHCADLGQWTAPAPVCEALQCQEFVPSKAQVSCSDPFGPLKYQSACSFSCDEGS  
 LLVGASVIRCLATGHWSEAPPECQAVSCTPLLSPENGTMTCIQPLGHSNYKSTCQFMCDEGFYLSGPERL  
 DCSPSGHWTGSPMCEAIKCPEIFAPEQGLDCSHVHGEF SVGSTCHFSCNEEFELLGSRNVECTVSGRW  
 SAPPTCKGVTSLPVPSVRCPAL TTPGQGTMSCRHHLESFGPNTTCYFGCKTGFTLRGANSRLCGASGQW  
 TAVTPCRAVKCESELHMDTAVAMNCSNPWGNFSYGSTCAFHCPEGQSLNGSARTTCGEDGHWS DAMPTCQ  
 AGTLTIQEALTYLGGALASTSGLAVGGTLLALLRKRLRKKDDGK CPLNPHSHLGT YGVFTNAAYDPTP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

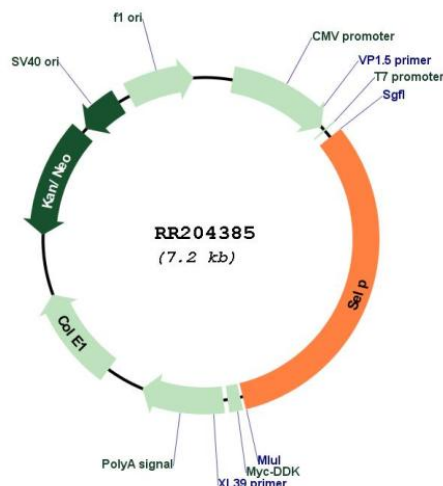
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

## Plasmid Map:



ACCN: NM\_013114

ORF Size: 2304 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\\_013114.1](#), [NP\\_037246.1](#)

RefSeq Size: 3185 bp

RefSeq ORF: 2307 bp

Locus ID: 25651

UniProt ID: [P98106](#)

Cytogenetics: 13q23

MW: 83.5 kDa

Gene Summary: mediates leukocyte interaction with platelets and endothelial binding after vascular injury; may play a role in inflammatory response [RGD, Feb 2006]