

Product datasheet for **MC221431**

Selp (NM_011347) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Selp (NM_011347) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Selp
Synonyms:	CD62P; GMP-140; Grmp; LECAM3; PADGEM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221431 representing NM_011347
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTGGCTGCCAAAAGGTTCTTGACGCCAAGACTCCGGAGTGTGATCCTGGGAGGGGCTCAACTCA
 TCTGGTTCAGTGCTTTGATCTCTGAGCTTGAAATCAGAAGGAAGTGGCTGCGTGGACCTATAACTACAG
 CACAAAGGCATACTCATGGAATAACTCACGGGTGTTCTGTAGGAGGCACTTCACAGACTTAGTGGCCATC
 CAGAATAAGAATGAAATCGCTCACCTCAATGACGTCATCCATTCTTCAACTCTTACTACTGGATTGGTA
 TCCGAAAGATCAACAATAAGTGGACCTGGTGGGAACAAATAAGACTCACGGAGGAGGCTGAGAACTG
 GGCCGACAACGAGCCCAACAACAAGAACAATCAGGACTGTGTGGAGATCTACATCAAGAGTAACTCG
 GCCCTGGCAAGTGAATGATGAACCTGTTTTAAACGAAAGCGGCCCTGTGCTACACAGCCTCCTGCC
 AGGACATGCTCCTGCAGCAACCAAGGGGAGTGCATCGAGACCATTGGGAGCTATACCTGCTCCTGCTACCC
 AGGCTTCTATGGCCAGAGTGTGAATACGTCAAGGAGTGTGAAAAGTCAACATCCCTCAACATGTTCTC
 ATGAACTGCAGCCATCCCTGGGGGAGTTCCTTCAACTCACAGTGCACCTTCAGCTGTGCTGAGGGCT
 ACGAGCTGGACGGACCCGGCGAGCTGCAATGTTTGGCTTCTGGGATCTGGACAAATAACCCCCGAAGT
 TGACGCTGTGCAATGTCAGAGCCTGGAAGCCCTCCCCATGGAACCATGGCCTGTATGCACCAATTGCT
 GCCTTTGCCTACGACTCCAGCTGTAAATTTGAGTGCCAGCCTGGATATAGAGCGAGGGGCTCCAACACAC
 TCCACTGCAGTGGCTCTGGTCACTGGAGTGAACCACTGCCAACCTGTGAAGCTATTGCGTGTGAACCTCC
 GGAGATCCCCATCCATGGGAGCATGGACTGCGTCCCATCTACAGGAACCTTTGGGTACAACAGCAGCTGC
 ACTTTTCTCTGTGAGAGGGTTCGTGCTGAAGGAAATGATGCCATTGAGTGTGCTGACTCCGGGCAGT
 GGACAGCCCCAGCCCCATTCTGTGAAGCGTTGCAATGTCCAGAGTTTCCGGTTCAGTAAAGCCAGGT
 GAACTGCTCGGATCCCTTCGGTACCTTGACGTACCAGTCACTGTCAGCTTTTCCCTGTGATGAAGGCTCG
 CTCTTGGTGGGAGCAAGTGTGATAAGATGCCTGGCTACTGGACACTGGAATGGGGCTCCTCCCGAATGTC
 AAGCTGTGCTCCTGTGCCCTATGCTCAGTCTGAGAATGGATCCATGACCTGCGTTCAGCCTCTTGGGAA
 TTCCACCTACAAATCCACATGCCAGTTCATGTGCGATGAAGGATTTTATCTATCTGGACCGGAAAGACTG
 GATTGTTCTCCATCTGGACACTGGACAGGCACCCCTCCCACGTGTGAAGCCATCAAGTGTCCAGGAATCT
 TCGCCCCAGAGCAAGGCAACCTGGATTGTTCTCATGTCCACGGAGAGTTTGGTGTGGCTCTATCTGTCA
 CTTCTCCTGCAATGAGGACTTTGAGCTACTGGGATCTGAAAATGTGGAATGCACAGTGTCTGGAAGATGG
 TCAGCACCTCCGCCAACCTGCAAAGGCATAACATCACTTCTGCCCCAGCAGTCCGATGCCCTGCCCTCA
 CGACTCCTGGACAGGGCAACATGCTCCTGCAACACCACCTGGGAAGCTTTGGTCCGAACACCACTTGTTA
 CTTTGGGTGCAAAAACCGGATTTACACTCAGGGGAGCCAACCTCGTCCGCTGCAGGGCTTCAGGACAATGG
 ACAGCAGTGACCCCCATGTGAGAGCGGTCAAATGCTCCGAATTGCACATGGACACAGCAGTAGCAATGA
 ACTGTTCCAATCCCTGGGAAACTTTAGCTATGGATCAACCTGCACCTTCCAGTGGCCAGAGGGGAGCTC
 ACTGAACGGCTCTGTGAGAGCAACCTGCCGAGAGGACGGTCACTGGTCAAGTCCATGCCAACCTGCCAA
 GCAGGGACACTGACAATCCAGGAAGCTCTGACGTACTTGGGTGGTGCAGTGGCTTCTACAACAGGCCTGG
 CAGTGGGCGGGACACTCCTGGCTCTGCTAAGAAAGCGTCTCAGAAAGAAAGATGATGGAAAATGCCCTT
 GAACCTCACAGCCACCTAGGAACATACGGAGTCTTCACTAACGCTGCATATGACCCAACCCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1696_b03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_011347

Insert Size: 2307 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_011347.1 , NP_035477.1
RefSeq Size:	3075 bp
RefSeq ORF:	2307 bp
Locus ID:	20344
UniProt ID:	Q01102
Cytogenetics:	1 71.42 cM
Gene Summary:	Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with SELPLG.[UniProtKB/Swiss-Prot Function]