

Product datasheet for **MC219711**

Sele (NM_011345) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sele (NM_011345) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sele
Synonyms:	CD62E; E-selectin; Elam; ELAM-1; LECAM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219711 representing NM_011345
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAGCAACTGCTGGAGTCATGAATGCCTCGCCTTTCTCTGCTCTGTTTTGTTCTCCTCGCTG
 GAGAGAGCACAGCTTGGTACTACAATGCCTCCAGTGAGCTCATGACGTATGATGAAGCCAGTGCATACTG
 TCAGCGGGACTACACACATCTGGTGCCAATTCAGAAACAAGGAAGAGATCAACTACCTTAACCTCAATCTG
 AAACATTCACCGAGTTACTACTGGATTGGAATCAGAAAAGTCAATAACGTATGGATCTGGGTGGGGACGG
 GGAAGCCTCTGACAGAGGAAGCTCAGAAGCTGGCTCCAGGTGAACCAAACAACAAGAAATGAGGA
 CTGTGTAGAGATTTACATCCAACGAACCAAGACTCGGGCATGTGGAATGACGAGAGATGTAACAAAAAG
 AAGCTGGCTCTGTCTACACAGCTTCGTGTACCAATGCATCCTGCAGTGGTCATGGTGAATGCATAGAGA
 CCATCAATAGTTACACCTGCAAGTGCCACCCTGGCTTCCCTGGGACCAACTGTGAGCAAGCTGTGACTTG
 CAAACCACAGGAACACCCTGACTATGGAAGCCTGAACTGCTCCACCCGTTTCGGCCCTTCAGCTATAAT
 TCCTCCTGCTCCTTTGGCTGTAAAAGGGGCTACCTGCCAGCAGCATGGAGACCACCGTGCAGGTGTACGT
 CCTCTGGAGAGTGGAGTGCACCTGCTCCAGCCTGCCATGTGGTTGAATGTGAAGCTTTGACCCACCTG
 CCACGGTATCAGGAAATGTTCTCAAACTCCTGGGAGCTACCCATGGAACACGACATGCACGTTTGACTGT
 GTGGAAGGGTACAGGCGAGTTGGAGCTCAGAATCTACAGTGTACCTCATCTGGCATCTGGGATAACGAGA
 CGCCATCATGCAAAGCTGTGACCTGTGACGCCATCCCTCAGCCTCAGAATGGCTTTGTGAGCTGCAGCCA
 CTCAACAGCTGGAGAAGTTCGCTTAAAGTATCCTGTAACCTCACCTGTGAGCAGAGTTTACGTTGCGAG
 GGGCCAGCGCAGGTTGAATGCAGCGCACAGGGCAACATGAAATGTCTTCCAGTGTCTTGACCTTTCCA
 AGTGTGAAGCCTTATCTGCGCCACAGCAGGGCAACATGAAATGTCTTCCAGTGTCTTGACCTTTCCA
 AAATGGGTCCAGTTGTGAGTTCTCCTGCGAAGAAGGATTTGAACTGAAGGGATCAAGAAGACTTCAGTGT
 GGTCCAAGAGGGGAATGGGATAGCAAGAAGCCACGTGTTGAGCTGTGAAATGTGATGATGTCCCTCGGC
 CCCAGAATGGCGTCATGGAGTGTGCTCATGCTACTACTGGAGAATTCACCTACAAGTCTCATGTGCCTT
 TCAATGCAATGAGGGCTTTAGCTTGCATGGCTCAGCTCAACTGAGTGCACATCTCAGGGAAAGTGGACC
 CAGGAAGTCCCCTCCTGCCAAGTGGTACAATGTCCAAGCCTTGCAGTCCCGGAAAGATGAACATGAGCT
 GCAGCGGAACAGCAGTTTTCGGCACAGTGTGTGAGTTTACATGTCCTGATGATTGGACACTCAATGGATC
 TGCAGTTCTGACGTGTGGTGCACGGGACGCTGGTCTGGGATGCCGCTACCTGTGAAGCCCCAGTCAGC
 CCCACCCGTCCTTGGTAGTTGCACTTTCTGCGCAGGAACCTCACTCCTGACATCGTCTCATTGCTCT
 ACTTGTGATGAGATACTTTGGAAGAAAGCAAAGAAATTTGTTCTGCTAGCAGCTGCCAAGCCTTCA
 ATCGTTTGAAGAACTACCATGTGCCTTCTACAACGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011345

Insert Size: 1860 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:

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: [BC119083](#), [AAI19084](#)

RefSeq Size: 2030 bp

RefSeq ORF: 1860 bp

Locus ID: 20339

UniProt ID: [Q00690](#)

Cytogenetics: 1 71.35 cM

Gene Summary: Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with SELPLG/PSGL1 (PubMed:1375914). May have a role in capillary morphogenesis.[UniProtKB/Swiss-Prot Function]