

Product datasheet for MR205752

Sell (NM_011346) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sell (NM_011346) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sell
Synonyms:	A1528707; CD62L; L-selectin; LECAM-1; Lnhr; Ly-22; Ly-m22; Lyam-1; Lyam1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205752 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTTCATGGAGATGTGAGGGTACTTACTGGGGCTCGAGGAACATCCTGAAGCTGTGGGTCTGGA
CACTGCTCTGTTGTGACTTCTGATACACCATGGAACACTGTTGGACTTACCATTATTCTGAAAAGCC
CATGAAGTGGGAAATGCTAGAAAGTTCTGCAAGCAAAATTACACAGATTTAGTCGCCATACAAAACAAG
AGAGAAATGAGTATTTAGAGAATACATTGCCCAAAGCCCTTATTACTACTGGATAGGAATCAGGAAAA
TTGGGAAATGTGGACATGGGTGGGAACCAACAAACTCTCACTAAAGAAGCAGAGAAGTGGGGTCTGG
GGAGCCCAACAACAAGAAGTCCAAGGAGGACTGTGTGGAGATCTATATCAAGAGGGAACGAGACTCTGGG
AAATGGAACGATGACGCCTGTCAAAAAGGAGGAGCTCTCTGTACACAGCCTCTTGCCAGCCAGGGT
CTTGCAATGGCCGTGGAGAATGTGTGAAACTATCAACAATCACACGTGCATCTGTGATGCAAGGTATTA
CGGGCCCCAGTGTGAGTATGTGGTCCAGTGTGAGCCTTTGGAGGCCCTGAGTTGGGTACCATGGACTGC
ATCCACCCTTGGGAAACTTCAGCTTCCAGTCCAAGTGTGCTTTCAACTGTTCTGAGGGAAGAGAGCTAC
TTGGGACTGCAGAAACACAGTGTGGAGCATCTGGAACCTGGTCACTCCAGAGCCAATCTGCCAAGTGGT
CCAGTGTGAGCCTTTGGAGGCCCTGAGTTGGGTACCATGGACTGCATCCACCCCTTGGGAAACTTCAGC
TTCCAGTCCAAGTGTGCTTTCAACTGTTCTGAGGGAAGAGAGCTACTTGGGACTGCAGAAACACAGTGTG
GAGCATCTGGAAGTGGTCACTCCAGAGCCAATCTGCCAAGAGACAAACAGAAGTTTCTCAAAGATCAA
AGAAGGTGACTACAACCCCTCTTCATTCTGTAGCCGTGATGGTCACCCGATTCTCGGGCTGGCATT
CTCATTTGGCTGGCAAGGCGTTAAAAAAGGCAAGAAATCTCAAGAAAGGATGGATGATCCATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205752 protein sequence
 Red=Cloning site Green=Tags(s)

MVFPWRCEGYWGSRNILKLWVWTLCCDFLIHHGTHCWTYHYSEKPMNWENARKFCKQNYTDLVAIQNK
 REIEYLENTLPKSPYYYWIGIRKIGKMWTWVGTNKTLTKEAENWGAGEPNNKSKEDCVEIYIKRERDSG
 KWND DACHKRKAALCYTASCQPGSCNGRGECVETINNHTCIDAGYYGPQCQYVQCEPLEAPELGTMDC
 IHPLGNFSFQSKAFNCSEGRELLGTAETQCGASGNWSSPEPICQVYVQCEPLEAPELGTMDCIHPLGNFS
 FQSKAFNCSEGRELLGTAETQCGASGNWSSPEPICQETNRSFSKIKEGDYNPLFIPVAVMVTAFSGLAF
 LIWLARRLKKGKKSQERMDDPY

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_011346

ORF Size: 1119 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_011346.2](#)

RefSeq Size: 2341 bp

RefSeq ORF: 1119 bp

Locus ID: 20343

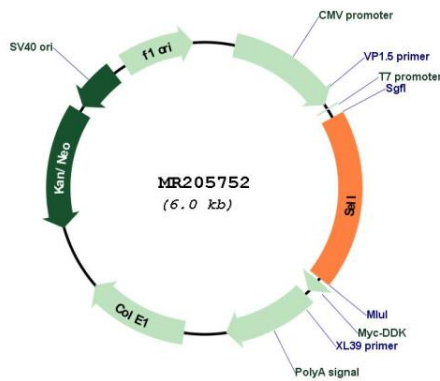
UniProt ID: [P18337](#)

Cytogenetics: 1 71.37 cM

MW: 42.3 kDa

Gene Summary: Calcium-dependent lectin that mediates cell adhesion by binding to glycoproteins on neighboring cells. Mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes (PubMed:1693096). Promotes initial tethering and rolling of leukocytes in endothelia (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205752