

Product datasheet for **MG205752**

Sell (NM_011346) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sell (NM_011346) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sell
Synonyms:	AI528707; CD62L; L-selectin; LECAM-1; Lnhr; Ly-22; Ly-m22; Lyam-1; Lyam1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205752 representing NM_011346 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTTCCATGGAGATGTGAGGGTACTTACTGGGGCTCGAGGAACATCCTGAAGCTGTGGGTCTGGA
CACTGCTCTGTTGTGACTTCTGATACACCATGGAACACTGTTGGACTTACCATTATTCTGAAAAGCC
CATGAACTGGGAAAATGCTAGAAAGTTCTGCAAGCAAAATTACACAGATTTAGTCGCCATACAAAACAAG
AGAGAAATTGAGTATTTAGAGAATACATTGCCAAAAGCCCTTATTACTACTGGATAGGAATCAGGAAAA
TTGGGAAAATGTGGACATGGGTGGGAACCAACAAAACCTCACTAAAGAAGCAGAGAAGCTGGGGTCTGG
GGAGCCCAACAACAAGAAGTCCAAGGAGGACTGTGTGGAGATCTATATCAAGAGGGAACGAGACTCTGGG
AAATGGAACGATGACGCCTGTCAAAAACGAAAGGCAGCTCTCTGTACACAGCCTCTTGCCAGCCAGGGT
CTTGCAATGGCCGTGGAGAATGTGTGAAAACATCAACAATCACACGTGCATCTGTGATGCAAGGATTA
CGGGCCCCAGTGTGAGTATGTGGTCCAGTGTGAGCCTTTGGAGGCCCTGAGTTGGGTACCATGGACTGC
ATCCACCCTTGGGAACTTCAGCTTCCAGTCCAAGTGTGCTTTCAACTGTTCTGAGGGAAGAGAGCTAC
TTGGGACTGCAGAAACACAGTGTGGAGCATCTGGAACCTGGTCACTCCAGAGCCAATCTGCCAAGTGGT
CCAGTGTGAGCCTTTGGAGGCCCTGAGTTGGGTACCATGGACTGCATCCACCCCTTGGGAACTTCAGC
TTCCAGTCCAAGTGTGCTTTCAACTGTTCTGAGGGAAGAGACTACTTGGGACTGCAGAAACACAGTGTG
GAGCATCTGGAACCTGGTCACTCCAGAGCCAATCTGCCAAGAGACAAACAGAAGTTTCTCAAAGATCAA
AGAAGGTGACTACAACCCCTCTTCATTCTGTAGCCGTCATGGTCACCCGATTCTCGGGCTGGCATT
CTCATTTGGCTGGCAAGCGGTTAAAAAAGGCAAGAAATCTCAAGAAAGGATGGATGATCCATAC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205752 representing NM_011346
 Red=Cloning site Green=Tags(s)

MVFPWRCEGTYWGSRNILKLWVWTLCCDFLIHHGTHCWTYHYSEKPMNWENARKFCKQNYTDLVAIQNK
 REIEYLENTLPKSPYYYWIGIRKIGKMWTWVGTNKTLTKEAENWGAGEPNKKSKEDCVEIYIKRERDSG
 KWND DACHKRKAALCYTASCQPGSCNGRGECVETINNHTCICDAGYYGPQCQYVVQCEPLEAPELGTMD
 IHP LGNFSFQSKCAFNCSEGRELLGTAETQCGASGNWSSPEPICQVYVQCEPLEAPELGTMDCIHP LGNFS
 FQSKCAFNCSEGRELLGTAETQCGASGNWSSPEPICQETNRSFSKIKEGDYNPLFIPVAVMVTAFSGLAF
 LIWLARRLKKGKKSQERMDDPY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_011346

ORF Size: 1116 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: 2199 bp

RefSeq ORF: 1119 bp

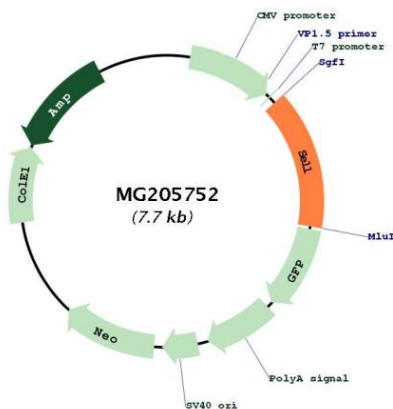
Locus ID: 20343

UniProt ID: [P18337](#)

Cytogenetics: 1 71.37 cM

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 MG205752