

Product datasheet for MR222509

Siglec1 (NM_011426) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siglec1 (NM_011426) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Siglec1
Synonyms:	Cd169; Siglec-1; Sn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222509 representing NM_011426 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

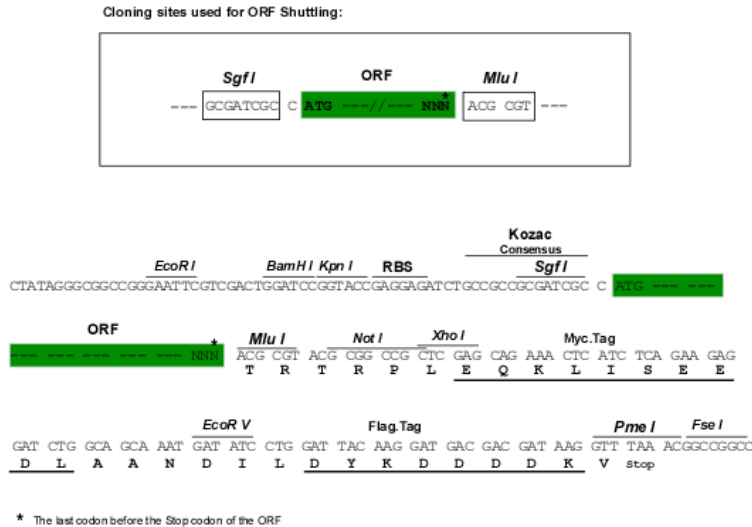
>MR222509 representing NM_011426
Red=Cloning site Green=Tags(s)

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_011426

ORF Size: 5085 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_011426.2](#)

RefSeq Size: 6427 bp

RefSeq ORF: 5106 bp

Locus ID: 20612

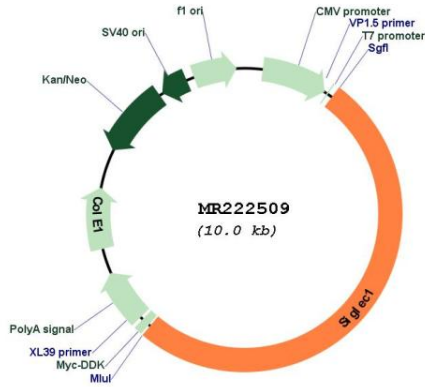
UniProt ID: [Q62230](#)

Cytogenetics: 2 63.26 cM

MW: 184 kDa

Gene Summary: Acts as an endocytic receptor mediating clathrin dependent endocytosis. Macrophage-restricted adhesion molecule that mediates sialic-acid dependent binding to lymphocytes, including granulocytes, monocytes, natural killer cells, B-cells and CD8 T-cells (By similarity). Preferentially binds to alpha-2,3-linked sialic acid. Binds to SPN/CD43 on T-cells. May play a role in hematopoiesis. May act as a counter-receptor for CLEC10A in lymph node. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222509