

Product datasheet for **MC201716**

Siglece (NM_031181) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siglece (NM_031181) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Siglece
Synonyms:	Cd170; mSiglec-E; Siglec5; Siglec9; Siglec12; Siglecl1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023280 sequence for NM_031181
CCTGAAGAGACAGTTTTAGCTGGACATGCTGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGGGGGATAAAG
GGTGTGGAGGGTCAAGACCCCAAGAGGGTTTACCCCTGAATGTGGAAAGGAAGGTGGTGGTGCAGGAGG
GCCTGTGTGTCCTGTGCCCTGTAATTCTCTATCTCAAGAAGAGGGTGGACTGACTGGACTGACTCAGA
CCCAGTTCATGGATTCTGGTACAGGGAAGGAACCGACAGACGCAAAGATCCATCGTGGCCACAAATAAC
CCAATTCGTAAGCAGTGAAGGAAACCCGGAATCGATTCTCTGCTCGGAGAACCTTGGAGGAATGACT
GCTCCCAGAACATCAGAGAGATCAGAAAGAAAGGATGCGGGGTTATACTTCTTTCGCTGGAGCGTGGAAA
AACAAAGTATAATTACATGTGGACAAGATGACTCTGGTTGTAACAGCCCTCACTAACACCCCAAAATT
CTTCTCCCGAGACGCTTGAAGCTGGCCATCCCAGCAACCTGACCTGCTCTGTGCCTGGGACTGTGGGT
GGACGGCACCTCCCATCTTCTCCTGGACTGGTACCTCTGTGCTATTGAGCACCAACTACAGGTTC
CTCAGTGTAAACATCACCCCTCAGCCTCAGGACCATGGCACCACCTCACTTGTGAGGTGACCCGCT
GGAAGTATGTCACACAAGTACCATCCGCTCAACGTGTCAATGCTCCAAAGAATCTGACTGTGA
CCATCTATCAAGGAGCTGACTCAGTTCACACAATCCTGAAGAATGGCTCCTCTCTTCTGAGGG
CCAGTCACTGCGTCTCATCTGCAGCACCAGACGTATCCCCTGCGAACCTAAGTGGTCTGGGATAAC
CTGACCCGTGCCCATCAAAGTTGTCCAAGCCCGGCTCTGGAGCTGTTCCAGTGCATCTTAAAGCAG
GAGGAGGTATACCTGCCAAGCTCAACATGCCCCTGGGCTCCCAACACATTTCCTTGAACCTGTCTCCACA
GAGCAGTGCAACTTATCTGAAATGATGATGGGACCTTGTGGGTTCAGGAGTCAAGCCCTCTTTTC
CTGTCTGTCTGCATCCTCCTCCTGGCAGTAAGATCCTACAGGAGGAAACCAGCCAGGCGACTGTGGTAG
CTCCGCACCCAGATGCCCTCAAGGTCTCAGTTTCTCAGAAATCCCCTGGTTGAATCCCAGGCAGATGACAG
CTCTGAGCCCTGCCCTTCCATACTTGAGGCGGCCCCCTCTCCACAGAGGAAAGAGATAATTATGCGACC
CTCAGCTTTCACGAGATGAAGCCCATGAACCTGTGGGGCAACAGGACACTACCACGGAGTACTCAGAGA
TAAAGTTTCCGCAAGGACCCGATGGCCATGACCCTGGCTGGAGAAAGCATGGTGGCCCCAGGAGGCTGG
CTCTGGAGAAAGAAAGAGTCACCTAGTTGACATGTGATACACAGGGCTTACAGGCCATTCCTTCTGTGA
CACAGGGCTTCTGTGCTGCCATGCCCCGTGCTGCCCTGTCCACACAACCTGCTATTGTGCCTGGGAAT
CATAAGCTTGACCTTTTACTCCTCTTCTCCCCTCCCCTCCTTCCCGCCCTCTTCTCCTCCTCCTC
TCTCCCCTCCTCCTCCTTCTTCTTTTGTTCCTTCCAAAGACAGGTTTCTCTGTGTAGCCTTGGGTGTCC
TAGAAGTGTCTGCAGACCAGACTGCCCTTGAACCTTCTTTCCAAGTGTGGGATTAAGATGTGCAC
CACCACCAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_031181
- Insert Size:** 1407 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:** [BC023280](#), [AAH23280](#)

RefSeq Size: 1843 bp

RefSeq ORF: 1407 bp

Locus ID: 83382

UniProt ID: [Q91Y57](#)

Cytogenetics: 7

Gene Summary: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. [UniProtKB/Swiss-Prot Function]