

Product datasheet for **RN200553**

Siglec1 (NM_001107777) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Siglec1 (NM_001107777) Rat Untagged Clone
Tag: Tag Free
Symbol: Siglec1
Synonyms: Sn
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200553 representing NM_001107777
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGTGCCCTGCTCTCCTTGCTCCTGCTGGCCTCGGTCTTCACACCAGGCCAGACCACGTGGGGTGTCT
CCAGTCCCAAGGATGTGCAGGGCTTGACTGGATCTTGCCTGCTCATTCCCTGCATCTTCAGTTCCTCTGC
TGATGTATCAGTGCTAATGGCATCACAGCCATCTGGTACTATGACTACTCGGGCAAACGGCAGGTGGTA
ATCCACTCAGGGGACCCCAAGCTGGTGGATGAGCGCTTCAGGGGCAGAGCTGAACCTGACAGGGAACATGG
ATCACAAGGTGTGCAACCTGTTGCTCAAAGACCTGAAGCTTGAAGACTCAGGCACCTACAACCTCCGCTT
TGAGATCAGTGATGGCAACCGCTGGTCTGATGTGAGAGGCACCACAGTCACTGTGACAAAGGATCCCACT
CCCCCACTATTACCATCCACATGAGCTGCGTGAAGGTGTGGAGGTGAACGTCAACTGTTCCACACCCCT
ACCTGTGCTGCAGGAGAAGCAGGTGAGCTGCATTGGCAAGGCCAGGACCCACCCGCTCCGTCATCTC
CAACTTCCAGAGCCTCGAGCCCACTGGCGTCTACCACCAGACGACCCTACATATGGCCCCATCCTGGCAG
GACCACAGACGGACCCTGCGCTGCCAGTGTTCATTGGCCACGCACAGTAGTCAGAAAGAGGTTTATCTAC
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CCTGGTACGCTCACCTGCCGGTGAATAGCAGCTATCCTGCCGTCAGTTCTGTGGATTGGGTCAAGGAT
GGAGTGAACCTCACAGCAAGGGGCATGTGCTCCAGCTATCCTCAGCAACCTGGAATGATTCTGGGGTCT
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AAGGAGGCACCCAGGAGCTCCGCTACAGCTGGTACAAGAACAACATTCTTCTGGAAGACGCCCATGCC
CAACCTTGACCTGCCTGCAGTACCAGGGCTGATACTGGCTTCTATTTCTGTGAGGTGCAGAACCCCA
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CATTTCTCTGCCCCCACTCCGTGCGCTAGAAATCCGAGACTTGCAGCCAGCGGACAGCGGGGAGTAC
ACATGCTCAGCCACCAACTCCCTTGAAAATCAATGTCCAGCCTAGACTTCCATGCAAAATGATCCCCAA



GAAAGCTCACATTCACCTGCCAGGCTGGATTTGGATACCTCTGGAGACGGGGATGGACGGCGTGGCATCCT
 CTTGTGCCAAGTAGACAGTATCCCCAGCCAGCTACAGCTTCTCCACAAGGTCATGTTGTGGCCACT
 TCTCTGCCATCAATGTGTGGGAGCTGCTCTCGGCGCATGAAAGTCAGCAGAGCCTCCAACACTGCAGG
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 CACCAGCTTGAACCCAGCGTCTATCCCATGGTAGAATCCAGGCCAAGGCCACAGCCAACCTCCTGCAG
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 GGCCACCTGGTGTGACGTGCACAAAGTGACCTCCAGCTCTGCTGCGACTGTTCCACCAGAATCGCCTCG
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 CAATGAGTTGCGCCTGGAGATCCAATTCACAGAGCTGGAGGATGGTGGGACCTACACATGTGAAGCCACC
 AACACACTGGGCCAGGCATCTGCTACAGCTGACTTCGATGCCAGGCTGTGCGTGTGGCCGTGTGGCCCA
 ATGCCACTGTGCAAGAGGGGCAGCAGGTGAACCTCAGCTGCTTGGCGTGGAGCACCCACAGGACTCACT
 CAGCTACACATGGTACAAGGGCGGCCAACAACTGCTTGGTGTGAGTCCATCTCCCTGCCAGCGTTACA
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 TGCGAGGACCCTGCTGCCCTCTCACCTGCACTCTATGCCTGGTTTACAATGGCCATTGGCTTCAGGAGG
 GACCAGCTTCGTCACCTCCAGTTCACAGTGACGACACAGGCTCATGCTGGCGCTTACTTTTGGCAGGTGCA
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 CGGGATAAGCCACGTCCAGGCAGCCCGGAATGCTCTTCCACTACAGGTGCAAGACACGACTTTTGGTGAT
 GGCAACACTTACGTTTGCACAGCCCGGAATACACTGGGCTCCATCAGTACCACCCACAAGCTTCTGAGGG
 AGACTGATATACATGTGACAGCTGAGCCAGGCTGGATGTGCCAGAGGGCACAGCTCTAACCTGAGCTG
 CCACCTCCCGGTGGCTCCAGCCTGTGGGCAACTCTTCTTACAGTGGTTCTGGAATCGCCATCTCCTA
 CATTGAGCTCCTGTGCCACACTCTCCTCACCCCTGTGGTCCGGGCTCAGGCTGGTCTGACCACTGCA
 GGGCTGAGCTCTCACTGGGTTACTACCTCACCTCCCGTCATGCTCCGTGCTCCTATCCTCCCAAGAC
 TCCCACTCTCACAGTGTGTGGAACTCAGGGTGGCCATCAGGGCATCCTCGACTGTGAGTGGACAGT
 GAGCCCTGGCCAGTCTACCCTCCAGCTGGGCACTCACTAGTAGCTTCTAACCAACCCGACAGCGCTC
 CCACCCAGCCACATCCGAGTCACTGCTCCTCCCAATGCCTTGAGACTGGACATAGAGGAGCTCGGACC
 TAACAATCAAGGGGAGTATGTGTGCACAGCCTCCAACGCTCTGGGCTCTGCCTCAGCCTCAGCCTACTTT
 GGGACCAGAGCCCTGCAGCAGCTGCAGCTGTTCCAGAGGCTGCTCTGGGTCTGGGATTTCTGGCAGGCT
 TCCTGGGCTGCTGCTGGGCTAGGGCCTGTTACAGCTGGAGAAAGAAGATTCTAGCAAACCTGAATGT
 GAATGAGAATTCAGCAGAGATGACCACTCAGAAAGATAATATCCAGGAGGAGACGGTTGCTGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

| | |
|-------------------------------|---|
| ACCN: | NM_001107777 |
| Insert Size: | 4830 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: | <ol style="list-style-type: none">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: | <u>NM_001107777.1</u> , <u>NP_001101247.1</u> |
| RefSeq Size: | 6671 bp |
| RefSeq ORF: | 4830 bp |
| Locus ID: | 311426 |
| Cytogenetics: | 3q36 |