

## Product datasheet for **RN209231**

### **Siglec5 (NM\_001106249) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Siglec5 (NM_001106249) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Siglec5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209231 representing NM\_001106249  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGTGGGCACAGCTGCTGCCCTGCTGTGGGCAGGGTCCCTGGCCGTGGAGAATTATGAGCTCTCAT  
 TGAATCAGTGACGGTGCAGGAGGGTCTGTGCGTCTTTGTACCCTGCCAAGTCAAGTACCCTGCCTC  
 CGGGGTTCTGTTTTGGCTACTGGTCCAGGATGGGGCCAACACAAACCTCAACTCTCCAGTGGCTACA  
 AATGACCCACATCGACCAGTACAGCAGGAACTCAAGGTCGTTTCTATCTCGTGGGGGCATAGATACTA  
 AAAATTGCTCCCTGGACATCAGAGACGCACGAAAAGTACACAGGAAAGTACTTCTCAGGTTGGATGG  
 AAGTGTGAAATACAGTTCCGGAATCGGATGCTCTGTGATGTGACAGCTCTGACTAAGACCCCTAAC  
 CTCAAGTCACATCTACCCTGGTGTCTGGCACTTCTACCCGAGTATCTGTTCTGTGCTCTGGCCCTGTG  
 AGCAGGGGACACCCCTCTTTTCTGGATGTCATCTGCCCTCACTTCCCTGGCCGCGAGAACCCTCCT  
 CTCTCAGAGCTGAACCTCACACCTAGGCTCAGGACAACGGCACCAACCTCATCTGTGAGTGACCTTC  
 CCTGGTGTGGTGTACTGTGGAGAGGACTCAACAGCTCAGTGTACCTATGCTCCACAGAAGCTGACCA  
 TCAGGGTGTCTGGGGAGATGGCACAGAACTAAAGTCTGCAGAGTGGAGCATCTCTGCAGATCCAAGA  
 GGGTGAGTCCCTGCGCTGGTCTGTGTGGCAGACGCAACCCCTCTGCCATGCTGAGCTGGAAGCCGAG  
 ACCCAGAAGAAGTCCGGCTCTTAAGGGTGTGAAGTCAACTGCCACGGGTGGAGTTGGAGGACCAGG  
 GAAAATACATCTGCCAGGCTAAGAACAGTCTGGTACTCAGACAGCCTCTGTGAGCCTCAGCATAAGGAG  
 CCTTCTACAGTGTGGCACCCTCCTGCTCCTGGGATTCTGAGGGTCTGCACTGCAGTGTCTCTCCAGA  
 GCCTGGCCTGCCCGTCCCTGGGCTGGCGCTGGGGAGGGGCTGCTGGAGGAAACAGCAGCAATGCCT  
 CCTTCACAGTTATGTCCAGCTCTGCAGGACCGTGGTCAACAGTCCCTGAGCCTCAGTGTGGAATTCAG  
 CACTGACCACAGACTCAGCTGTGAAGCTTGAATGACTATGGAGTTCAGAGAGCCACTATCGTGTGGTT  
 CCAGGACAAGGAGTCTCACAGGCAAAATCAGAAACAGTGGAGGAGCGGTTCCAGGGGGCCATCTGGGGAG  
 CTGGTCTTATGGCTTTGCTGTCTCCTTCTGCCTCATCTTCTCATAGTGAAGTTTCTCAGGAAGAA  
 ATCAGCATTGGAAGTAGCAGCCATGGAAGGCAACACCTTGCCAAGAACCTTGTCTCCACCATAAATAGT  
 GCAAGCATGATTCGTCACATTCATTGAGATACCCCATCCAGGATCATCTGAATGAATCAGAGTCAC  
 AGACCCAGAAAGAAGAGCCACTTGGCCACAGCCCGAGACATCCCAAAGGATGAGCCCGAAGTCTACTA  
 TGCTCCTCTCCTTCAAGTCCGAGGCCCGAGCAGCCAAAGAACACGGAGACCATCAAGTCTGTTTAC  
 ACAGAGATCAAGATTCACAAGCGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106249
- Insert Size:** 1707 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:** [NM\\_001106249.2](#), [NP\\_001099719.2](#)

**RefSeq Size:** 2474 bp

**RefSeq ORF:** 1707 bp

**Locus ID:** 292843

**Cytogenetics:** 1q22