

## 32-7643: Recombinant Human Sialic Acid-Binding Ig-Like Lectin 9/Siglec 9/CD329 (C-Fc)

**Gene :** SIGLEC9

**Gene ID :** 27180

**Uniprot ID :** Q9Y336

### Description

Source: Human Cells.

MW :63.2kD.

Recombinant Human sialic acid-binding Ig-like lectin 9 is produced by our Mammalian expression system and the target gene encoding Gln18-Gly348 is expressed with a Fc tag at the C-terminus. Sialic acid-binding Ig-like lectin 9(Siglec 9) is expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils), and found in liver, fetal liver, bone marrow, placenta, spleen and in lower levels in skeletal muscle, fetal brain and so on. It is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It also binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** QTSKLLTMQSSVTVQEGLCVHVPCSFSYPSHGWYIPGPVHVHGYWFREGANTDQDAPVATNNPARAVWEETR  
DRFHLLGDPHTENCTLSIRDARRSDAGRYFFRMEKGSIKWNYKHHRLSVNVTALHTRPNILIPGTLESGCPQNL  
TCSVPWACEQGTTPMISWIGTSVSPLDPSTTRSSVLTLPQPQDHGTS LTCQVTFPGASVTTNKTVHLNVSYP  
QNLMTVTFQGDGTVSTVLGNGSSLSLPEGQSLRLVCAVDAVDSNPPARLSLSWRGLTLCPSQPSNPGVLELP  
WVHLRDEAEFTCRAQNPLGSQQVYLNVSLSKATSGVTQGVDDIEGRMDEPKSCDKTHTCPPAPELLGGP  
SVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQ  
DWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNG  
QPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.