

Active Recombinant Human SIGLEC9, Fc-tagged, Biotinylated

Cat. No. SIGLEC9-676H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human CD329-Fc is expressed as a 556 amino acid protein consisting of Gln18 - Gly348 region of CD329 and a C-terminal Fc fusion from human IgG1, which exists as a dimer under non-reducing condition.
Species	Human
Source	Human Cells
ProteinLength	18-348 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Immobilized protein supports the adhesion of human red blood cells. Blocks CD329-binding to its ligand and signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 61.4; Estimated by SDS-PAGE under reducing condition (kDa): 80-90 (probably due to glycosylation)
AA Sequence	QTSKLLTMQSSVTVQEGLCVHVPCSFSSYP SHGWIYPGPV VHG YW FREGANTDQDA PVATNNPARAVWEETRDRF HLLGDPHTKNCTLSIRDARRSDAGRYFFRMEKGSIK WNYKHHRLSVNVTALTHRPNILIPGTLESGCPQNL TCS VPWACEQGTPPMISWIGT SVSP LDPSTTRSSVLTLIPQPQDHGTS LTCQVT FPGASVTTNKT VHLNVSYP PQN LT MTVFQGDGT VSTVLGNGSSLSLPEGQSLRLVCAVDAVDSNPPARLSLSWRGLTLCP SQPSNPGVLELPWVHL RDAAEFTCRAQNPLGSSQVYLN VSLQSKATSGVTQGTHT

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CPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVT CVVVDVSHEDPEVKFNWYVDG
VEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIE KTISK
AKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTT
PPVLDSDGSFFLY SKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

Endotoxin

<0.1 eu per 1 µg of purified recombinant protein determined by the lal>

Purity

>95% judged by SDS-PAGE under reducing condition

Storage

The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation

Biotin

GENE INFORMATION

Gene Name

SIGLEC9 sialic acid binding Ig-like lectin 9 [Homo sapiens]

Official Symbol

SIGLEC9

Synonyms

SIGLEC9; sialic acid binding Ig-like lectin 9; sialic acid-binding Ig-like lectin 9; CD329; protein FOAP-9; CDw329; FOAP-9; siglec-9; OBBP-LIKE;

Gene ID

27180

mRNA Refseq

NM_001198558

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Protein Refseq	NP_001185487
MIM	605640
UniProt ID	Q9Y336
Chromosome Location	19q13.3-q13.4
Function	sugar binding;

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