

# Recombinant Rhesus Monkey SIGLEC7 Protein, hlgG1-tagged

Cat. No. SIGLEC7-1747R Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus monkey SIGLEC7 Protein (XP_010367896 ( aa.18-352)) was expressed in human HEK293 cells with hlgG1 tag.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	18-352 a.a.
<b>Description</b>	<p>Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GalNAc lactotetraosylceramide). 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. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).</p>
<b>Form</b>	PBS, pH7.4.
<b>Purity</b>	> 95 %

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<b>Applications</b>	ELISA; WB; Immunogen
<b>Storage</b>	-80 centigrade, Avoid freeze/thaw cycle.
<b>Concentration</b>	1 mg/mL
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SIGLEC7 sialic acid binding Ig like lectin 7 [ Rhinopithecus roxellana (golden snub-nosed monkey) ]
<b>Official Symbol</b>	SIGLEC7
<b>Synonyms</b>	SIGLEC7; sialic acid binding Ig-like lectin 7; sialic acid-binding Ig-like lectin 7; CD328; p75/AIRM1; QA79; SIGLEC 7; AIRM-1; QA79 membrane protein; sialic acid binding immunoglobulin-like lectin 7; adhesion inhibitory receptor molecule 1; siglec-7; p75; AIRM1; CDw328; D-siglec; SIGLEC-7;
<b>Gene ID</b>	104667258
<b>mRNA Refseq</b>	XM_010369594.1
<b>Protein Refseq</b>	XP_010367896

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