Recombinant Rhesus Monkey SIGLEC7 Protein, hIgG1-tagged

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

SPECIFICATION

Product Overview	Recombinant Rhesus monkey SIGLEC7 Protein (XP_010367896 (aa.18-352)) was expressed in human HEK293 cells with hIgG1 tag.
Species	Rhesus macaque
Source	HEK293
ProteinLength	18-352 a.a.
Description	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 lactotetraoslylceramide). 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).
Form	PBS, pH7.4.
Purity	> 95 %

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	ELISA; WB; Immunogen
Storage	-80 centigrade, Avoid freeze/thaw cycle.
Concentration	1 mg/mL

GENE INFORMATION

Gene Name	SIGLEC7 sialic acid binding Ig like lectin 7 [Rhinopithecus roxellana (golden snub-nosed monkey)]
Official Symbol	SIGLEC7
Synonyms	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;
Gene ID	104667258
mRNA Refseq	XM_010369594.1
Protein Refseq	XP_010367896

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