

Recombinant Mouse Siglec1 Protein, Myc/DDK-tagged

Cat. No. Siglec1-5876M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sialic acid binding Ig-like lectin 1, sialoadhesin (Siglec1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as an endocytic receptor mediating clathrin dependent endocytosis. Macrophage-restricted adhesion molecule that mediates sialic-acid dependent binding to lymphocytes, including granulocytes, monocytes, natural killer cells, B-cells and CD8 T-cells. Preferentially binds to alpha-2,3-linked sialic acid. Binds to SPN/CD43 on T-cells. May play a role in hematopoiesis. May act as a counter-receptor for CLEC10A in lymph node.
Molecular Mass	184 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Siglec1 sialic acid binding Ig-like lectin 1, sialoadhesin [Mus musculus (house mouse)]
Official Symbol	Siglec1
Synonyms	SIGLEC1; sialic acid binding Ig-like lectin 1, sialoadhesin; sialoadhesin; SER; sheep erythrocyte receptor; sialic acid-binding Ig-like lectin 1; Sn; Cd169; Siglec-1
Gene ID	20612
mRNA Refseq	NM_011426
Protein Refseq	NP_035556
UniProt ID	Q62230

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