

Recombinant Human SIGLEC6 protein, Fc-tagged

Cat. No. SIGLEC6-339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC6 protein (Gln16-Val320), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	305
Description	Sialic acid-binding Ig-like lectin 6 (SIGLEC6) is also known as CD antigen CD327, CD33 antigen-like 1 (CD33L or CD33L1), Obesity-binding protein 1 (OB-BP1). SIGLEC6 belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family, which contains two Ig-like C2-type (immunoglobulin-like) domains and one Ig-like V-type (immunoglobulin-like) domain. SIGLEC6 mediates sialic-acid dependent binding to cells. SIGLEC6 binds to 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.
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 60.3 kDa. As a result of glycosylation, the protein migrates as 80-90 kDa under reducing (R) condition, and 160-180 kDa under non-reducing (NR) condition (SDS-PAGE).

 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

Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20 centigrade to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SIGLEC6
Official Symbol	SIGLEC6
Synonyms	SIGLEC6; sialic acid binding Ig-like lectin 6; CD33L, CD33L1; sialic acid-binding Ig-like lectin 6; CD327; OB BP1; SIGLEC 6; CD33 antigen-like 1; obesity-binding protein 1; CD33L; OBBP1; CD33L1; CD33L2; CDW327
Gene ID	946
mRNA Refseq	NM_001177547
Protein Refseq	NP_001171018
MIM	604405

 Tel: 1-631-559-9269 1-516-512-3133

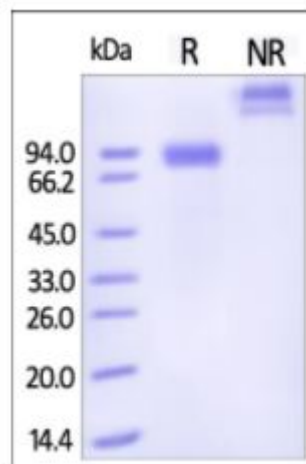
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

O43699

SDS-PAGE of
SIGLEC6-339H



Human Siglec-6, Fc Tag on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

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