

## Siglec-6 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P700825
Synonyms:	CD327; CD33 antigen-like 1; CD33L1; CDw327; OB-BP1; Siglec-6; SIGLEC6; CD33L; OBBP1
Species:	Human
Source:	HEK293
Accession:	O43699-3 (Q27-V331)
Gene ID:	946
Molecular Weight:	55-70 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The Siglec-6 Protein is a putative adhesion molecule that functions by mediating sialic acid-dependent binding to cells, specifically binding to alpha-2,6-linked sialic acid. Notably, the sialic acid recognition site of Siglec-6 may be masked by cis interactions with sialic acids on the same cell surface, suggesting a dynamic regulation of its binding properties. In addition to its adhesion role, Siglec-6 interacts with LEP, implying its involvement in cellular interactions and signaling processes. The multifaceted nature of Siglec-6 underscores its potential as a key player in sialic acid-mediated cellular adhesion and communication pathways.
------------	---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA