## For Research Use Only Recombinant Human Siglec-6 protein (rFc Tag)



## Catalog Number: Eg2070

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %. SDS-PAGE		
	Endotoxin Level: <0.1 EU/ µ g protein, L/	AL method	
	Source: HEK293-derived Human Siglec-6 protein Gln27-Val331 (Accession# O43699-3) with a rabbit IgG Fc tag at the C- terminus.		
	<mark>GenelD:</mark> 946		
	Accession: O43699-3		
	Predicted Molecular M 60.0 kDa	lass:	
	<mark>SDS-PAGE:</mark> 70-90 kDa, reducing (F	R) conditions	
	Formulation: Lyophilized from 0.22 protectants before lyo	$\mu$ m filtered solution in PBS, pH 7.4. Normally ophilization.	5% trehalose and 5% mannitol are added as
<b>Biological Activity</b>	Not tested		
Storage and Shipping	Storage: It is recommended that	at the protein be aliquoted for optimal storag	e. Avoid repeated freeze-thaw cycles.
	<ul> <li>Until expiry d</li> <li>3 months, -20</li> </ul>	ate, -20 $^\circ\!$	constitution.
	Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the	tube before opening. Reconstitute at 0.1-0.5	mg/mL in sterile water.
Background	Siglec-6, originally ide MCs from both mucos domains and 2 intrace molecular structure o evolution, presumably regulate leptin availab receptor selectively e	ntified on trophoblast cells of the placenta, i al and non-mucosal sites. Siglec-6 consists of Ilular immunoreceptor tyrosine-based inhibi f Siglec-3 (CD33). Siglec-6 was recruited to pl / to interact with sialylated ligands for specifi ility. Siglec-6 is an immunoreceptor tyrosine xpressed by mast cells, making it a promising	s highly and consistently expressed on f 3 extracellular immunoglobulin (Ig) tion motifs (ITIMS), closely resembling the acental expression during human ic negative signaling functions and/or to -based inhibitory motif (ITIM)-bearing g target for therapeutic intervention.
References	1. Brinkman-Van der Li 2. Jetani H, et al. (2021 3. Robida P. A., et al. (20	inden EC, et al. (2007). Glycobiology. Sep;17(9 ). Blood. Nov 11;138(19):1830-1842. 222). Cell. Mar 28;11(7):1138.	):922-31.
Synonyms	SIGLEC6, CD327, CD33	antigen like 1, CD33 antigen-like 1, CD33L	

## Selected Validation Data



Purity of Recombinant Human Siglec-6 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.