

## Siglec-15 Protein, Cynomolgus (Biotinylated, 263a.a, HEK293, His-Avi)

Cat. No.:	HY-P701036
Synonyms:	CD33 molecule-like 3; CD33L3; HsT1361; Siglec15; CD33 antigen-like 3; SIGLEC-15
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005586866.2 (M60-T322)
Gene ID:	102126346
Molecular Weight:	33-43 kDa

### PROPERTIES

Biological Activity	Immobilized Anti-Human Siglec-15 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus Siglec-15, His Tag with the EC <sub>50</sub> of 23.2ng/ml determined by ELISA.
Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of 20mM PB, 500mM NaCl, 0.1M L-Arginine, pH 6.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The Siglec-15 Protein plays a crucial role in cellular interactions by selectively binding to sialylated glycoproteins, indicating a specific affinity for molecules with sialic acid residues. Additionally, Siglec-15 engages in molecular associations with TYROBP and HCST, suggesting its involvement in intricate signaling pathways. This ability to interact with key signaling partners underscores Siglec-15's potential significance in mediating immune responses and cellular communication. The specific recognition of sialylated glycoproteins highlights the protein's role in recognizing and responding to cell surface modifications, contributing to the complex network of cellular interactions.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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