


Rev03
 Update: Aug,08,2025

DATASHEET

Siglec-15/CD33L3, His & Avi, Cynomolgus

Cat. No.: Z04916

Product Introduction

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| Species | Cynomolgus |
| Protein Construction |  <p>Siglec-15/CD33L3 (Met60-Thr322) Accession # XP_005586866.2</p> <p>N-term His Avi C-term</p> |
| Purity | > 95% as determined by Bis-Tris PAGE |
| Endotoxin Level | Less than 1EU per µg by the LAL method. |
| Biological Activity | Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch. |
| Expression System | HEK293 |
| Theoretical Molecular Weight | 29.2 kDa |
| Apparent Molecular Weight | Due to glycosylation, the protein migrates to 33-43 kDa based on Bis-Tris PAGE result. |
| Formulation | Supplied as 0.22µm filtered solution in 20mM PB, 500mM NaCl, 0.1M L-arginine (pH 6.0). |
| Concentration | Verified by one or more methods from A280/Bioactivity/BCA/Bradford. |
| Storage & Stability | This product remains stable for 6 months at -80°C or below. Avoid repeated freeze-thaw cycles. |

Background

Target Background : Siglec-15 is a transmembrane glycoprotein in the Siglec family of sialic acid-binding immune regulatory molecules. Mature human Siglec-15 consists of a 244 amino acid extracellular domain (ECD) with two Ig-like domains, a 21 aa transmembrane segment, and a 44 aa cytoplasmic domain. Siglec-15 is a potential therapeutic target for osteoporosis and plays a conserved regulatory role in the immune system of vertebrates.

Synonyms : CD33 molecule-like 3; CD33L3; HsT1361; Siglec15; CD33 antigen-like 3; SIGLEC-15

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