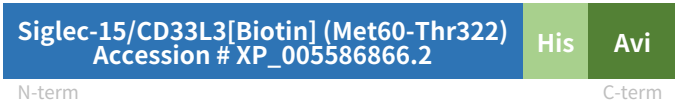


Rev03
 Update: Aug,08,2025
DATASHEET

Siglec-15/CD33L3[Biotin], His & Avi, Cynomolgus

Cat. No.: Z04377

Product Introduction

Species	Cynomolgus
Protein Construction	 <p>Siglec-15/CD33L3[Biotin] (Met60-Thr322) Accession # XP_005586866.2</p> <p>N-term His Avi C-term</p>
Purity	> 95% as determined by BisTris 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

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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