

Rev04
 Update: Aug,20,2025

DATASHEET

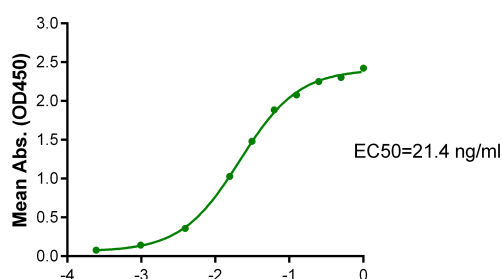
Siglec-15/CD33L3 hFc Chimera, Human

Cat. No.: Z05820

Product Introduction

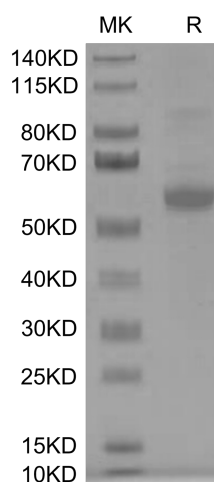
Species	Human
Protein Construction	Siglec-15/CD33L3 (Lys24-Gly260) Accession # Q6ZMC9-1 hFc N-term C-term
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	52.6 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 53-60 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in 20mM NaAC (pH 5.0).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



Log Biotinylated Anti-Human Siglec-15 Antibody, hFc Tag Conc. (µg/ml)

Immobilized Siglec-15/CD33L3 hFc Chimera, Human, hFc Tag at 2 µg/ml (100 µL/well) on the plate. Dose response curve for Biotinylated Anti-Human Siglec-15 Antibody, hFc Tag with the EC50 of 21.4 ng/ml determined by ELISA.



Siglec-15/CD33L3 hFc Chimera, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China