

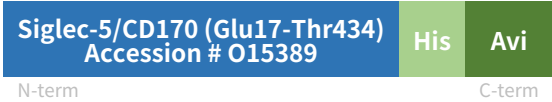
Rev03
 Update: Aug,08,2025

DATASHEET

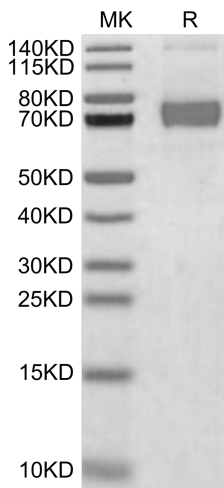
Siglec-5/CD170[Biotin], His & Avi, Human

Cat. No.: Z04599

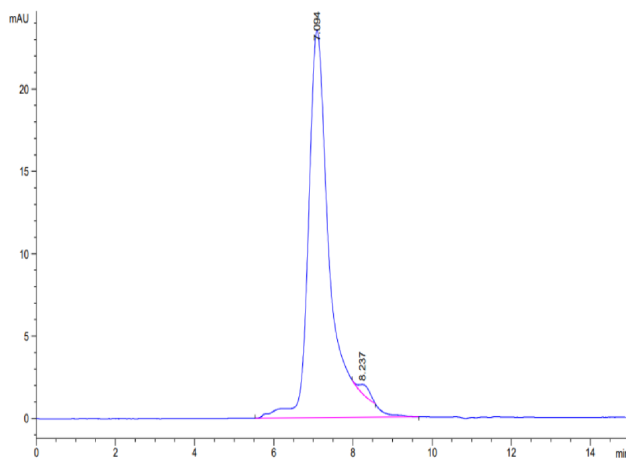
Product Introduction

Species	Human
Protein Construction	 <p>Siglec-5/CD170 (Glu17-Thr434) Accession # O15389</p> <p>N-term His Avi C-term</p>
Conjugate	Biotin
Purity	<p>> 95% as determined by BisTris PAGE</p> <p>> 95% as determined by HPLC</p>
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	49.3 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS, 350mM NaCl (pH 7.4).
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 up to 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



Siglec-5/CD170[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of Siglec-5/CD170[Biotin], His & Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Siglec 5 is putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha-2,3-linked and alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.

Synonyms : CD170; CD33 antigen-like 2; CD33L2; OBBP2; Siglec5; SIGLEC5; OB-BP2

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

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