Active Recombinant Human SIGLEC15 protein, Fc-tagged

Cat. No. SIGLEC15-0678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC15 protein(Phe20-Thr263), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-263 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Siglec-15, Fc Tag at 5 μg/mL (100 μL/well) can bind Mouse Human chimeric MAb (5G12, Human IgG1) with a linear range of 0.4-6 ng/mL. Immobilized Human Siglec-15, Fc Tag at 10 μg/mL (100 μL/well) on Diamond Protein A Protein, His Tag precoated (0.5 μg/well) plate, can bind Neu5Ac(a2-6)GalNAc-PAA-biotin with a linear range of 0.078-1.25 μg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 53.0 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe20-Thr263
Endotoxin	Less than 1.0 EU per

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	μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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