

# Active Recombinant Human SIGLEC15 protein, His-Avi-tagged, Biotinylated

**Cat. No.** SIGLEC15-0675H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human SIGLEC15 protein(Phe20-Thr263), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-263 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH5.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Mouse Human chimeric MAb (5G12, Human IgG1) at 5 µg/mL (100 µL/well) can bind Biotinylated Human Siglec-15 Protein, His,Avitag with a linear range of 0.2-3 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 30.1 kDa. The protein migrates as 33-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Phe20-Thr263
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin

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