

Active Recombinant Human CD155 protein, Fc-tagged

Cat. No. CD155-3057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD155 protein(Trp 21-Asn 343), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Trp 21-Asn 343
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TIGIT, His Tag at 2 µg/mL (100 µL/well) can bind Human CD155, Fc Tag with a linear range of 8-128 ng/mL. Serial dilutions of Human TIGIT Neutralizing antibody were added into Human CD155, Fc Tag: Biotinylated Human TIGIT, Fc, Avitag binding reactions. The half maximal inhibitory concentration (IC ₅₀) is 0.06065 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 61.7 kDa. The protein migrates as 95-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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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