Biotinylated Human CD155/PVR Protein (Primary Amine Labeling)

Cat. No. CD1-HM255B

Description

Source	Recombinant Biotinylated Human CD155/PVR Protein (Primary Amine Labeling) is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Trp21-Asn343.
Accession	P15151-1
Molecular Weight	The protein has a predicted MW of 61.8 kDa. Due to glycosylation, the protein migrates to 75-82 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

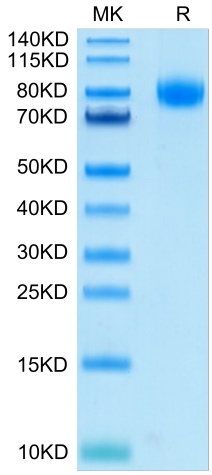
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CD155 is a cell surface adhesion molecule functioning in tumor cell migration, invasion, and metastasis, and not surprisingly, is also designated as a common tumor-associated antigen. CD155 is also recognized by NK cells to induce their cytotoxicity. CD155 is also commonly referred to as the "poliovirus receptor," or PVR.

Assay Data

Tris-Bis PAGE



Biotinylated Human CD155 (Primary Amine Labeling) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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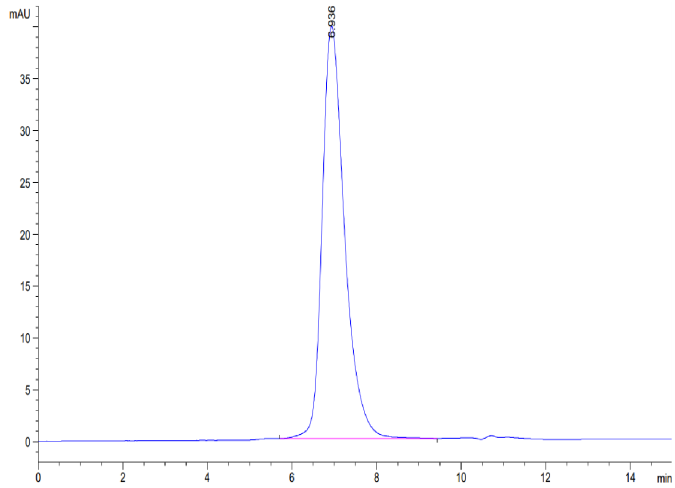
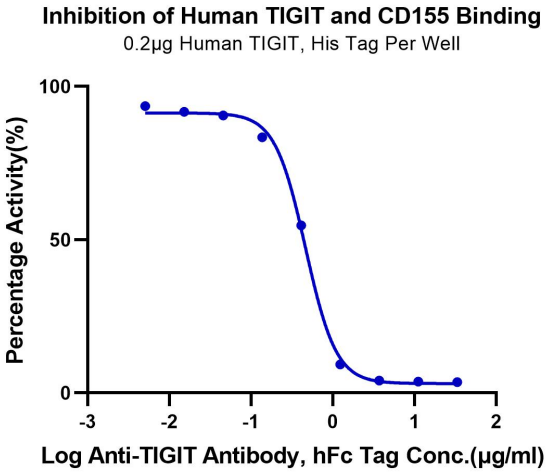
Assay Data



The purity of Biotinylated Human CD155 (Primary Amine Labeling) is greater than 95% as determined by SEC-HPLC.

Blocking Data



Serial dilutions of Anti-TIGIT Antibody were added into Human TIGIT, His Tag : Biotinylated CD155, hFc Tag binding reactioins. The half maximal inhibitiory concentration (IC50) is 0.46μg/ml.