

# Biotinylated Human CD155/PVR Protein

Cat. No. CD1-HM555B

Description	
Source	Recombinant Biotinylated Human CD155/PVR Protein is expressed from HEK293 with hFc tag and Avi tag at the C-Terminus. It contains Trp21-Asn343.
Accession	P15151-1
Molecular Weight	The protein has a predicted MW of 62.82 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per $\mu\text{g}$ by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22 $\mu\text{m}$ 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 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months 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

### Bis-Tris PAGE



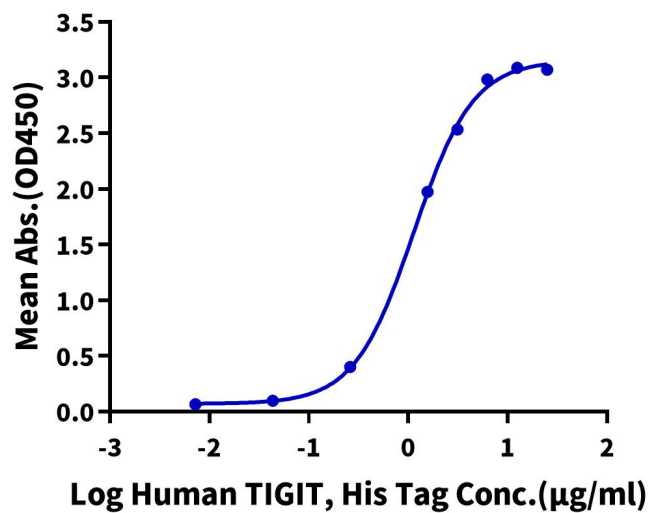
Biotinylated Human CD155 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### ELISA Data

Assay Data

**Biotinylated Human CD155, hFc Tag ELISA**

0.5µg Biotinylated Human CD155, hFc Tag Per Well



Immobilized Biotinylated Human CD155, hFc Tag at 5µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Human TIGIT, His Tag with the EC50 of 1.14µg/ml determined by ELISA (QC Test).