

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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . 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

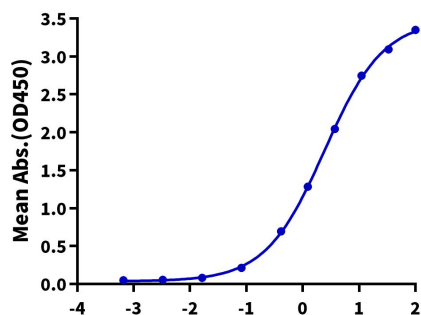


Biotinylated Human CD155 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human CD155, hFc Tag ELISA

0.5 μg Human TIGIT, His Tag Per Well



Immobilized Human TIGIT, His Tag at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the plate. Dose response curve for Biotinylated Human CD155, hFc Tag with the EC50 of 2.44 $\mu\text{g}/\text{ml}$ determined by ELISA.