Biotinylated Recombinant Human PVR/CD155 Protein

Catalog No.: RP00389B

Sequence Information

Species
Human

Gene ID
5817

Swiss Prot
P15151-1

Tags
C-His&Avi

Synonyms
CD155; HVED; NECL5; Necl-5; nectin-like 5; PVR; PVS; Tage4; PVSFLJ25946; FLJ25946

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.

Calculated MW
38 kDa

Observed MW
55-70 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

Basic Information

Description
Biotinylated Recombinant Human PVR/CD155 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Trp21-Asn343) of Human PVR/CD155 (Accession #P15151-1) fused with a C-His&Avi tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

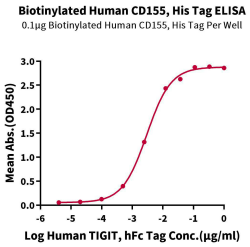
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

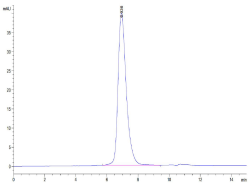
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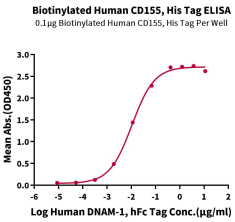
Validation Data



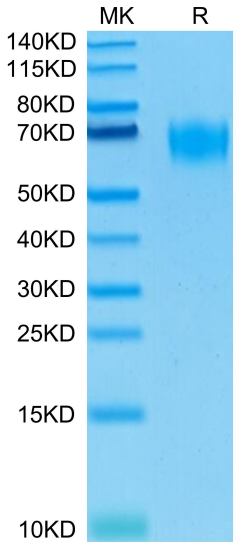
Immobilized Biotinylated Human CD155, His Tag at 1 μg/mL (100 μL/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Human TIGIT, hFc Tag with the EC_{50} of 3.0ng/mL determined by ELISA (QC Test).



The purity of Biotinylated Human CD155 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human CD155, His Tag at 1 μg/mL (100 μL/well) on the plate. Dose response curve for Human DNAM-1, hFc Tag with the EC_{50} of 10.6ng/mL determined by ELISA.



Biotinylated Recombinant Human PVR/CD155 Protein was determined by Tris-Bis PAGE under reducing conditions.