

Catalog No.: RP00980 **Recombinant**

Species	Gene ID	Swiss Prot
Human	5817	P15151

C-hFc&His

CD155; HVED; NECL5; Necl-5; PVS;
TAGE4;PVR;HVED;NECL5;Necl-5;PVS;TAG
F4

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
61.17 kDa	95-105 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

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This protein is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication.

Recombinant Human PVR/CD155 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Asp28-Asn343) of human CD155/PVR (Accession #NP_006496.4) fused with an Fc. 6xHis tag at the C-terminus.

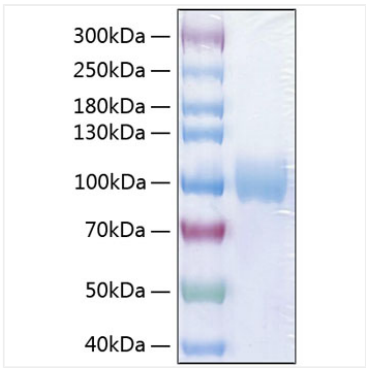
Measured by its binding ability in a functional ELISA. Immobilized Human CD155 at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Human CD96 with a linear range of 0.1-76 ng/mL.

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.

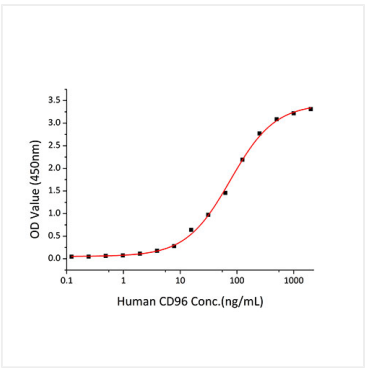
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

Validation Data



Recombinant Human PVR/CD155 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human CD155 at 2 μ g/mL (100 μ L/well) can bind Human CD96 with a linear range of 0.1-76 ng/mL.