

Recombinant Human PVR/CD155 Protein

Catalog No.: RP00980

Sequence Information

Species	Gene ID
Human	5817
Swiss Prot	Tags
P15151	C-hFc&His

Synonyms

CD155, HVED, NECL5, Necl-5, PVS, TAGE4, PVR, HVED, NECL5, Necl-5, PVS, TAGE4

Product Information

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

Calculated MW	Observed MW
61.17 kDa	95-105 kDa

Endotoxin

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

Formulation

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

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

Background

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.

Basic Information

Description

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, 6×His tag at the C-terminus.

Activity

Measured by its binding ability in a functional ELISA. Immobilized Human CD155 at 2 μg/mL (100 μL/well) can bind Human CD96 with a linear range of 0.1-76 ng/mL.

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°C

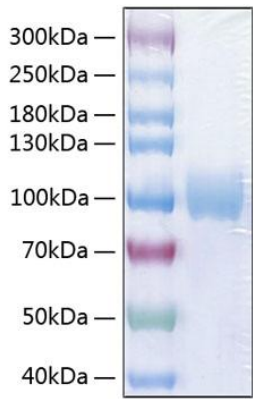
Operational Notes

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

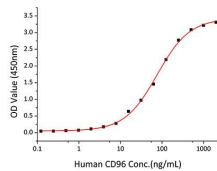
Contact

		400-999-6126
		cn.market@abclonal.com.cn
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Validation Data



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



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.