

# Recombinant Human PVR/CD155 Protein

Catalog No.: RP00980 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	5817	P15151

### Tags

C-hFc&amp;His

### Synonyms

CD155; HVED; NECL5; Necl-5; PVS;  
TAGE4;PVR;HVED;NECL5;Necl-5;PVS;TA  
GE4

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS- PAGE.

### 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, 6xHis tag at the C-terminus.

### Bio-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.

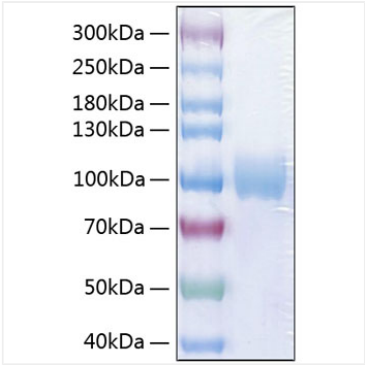
### Storage

Store the lyophilized protein at -20°C to -80 °C for long term.  
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.

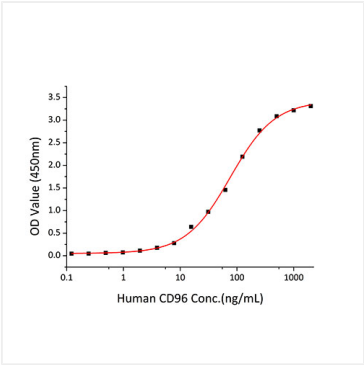
## Contact

| [www.abclonal.com](http://www.abclonal.com)

Validation Data



Recombinant Human PVR/CD155 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 95-105 kDa.



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