

# Human CD111/Nectin-1/PVRL1 (Fc Tag) recombinant protein



Catalog Number: 504234

## General Information

### Gene Name Synonym

Herpes virus entry mediator C; Herpesvirus Ig-like receptor; Poliovirus receptor-related protein 1

### Protein Construction

A DNA sequence encoding the human PVRL1 isoform 1 (NP\_002846.3) extracellular domain (Met 1-Thr 334) was fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized rh PVRL3 at 1 µg/ml (100 µl/well) can bind recombinant human Nectin-1 with a linear range of 0.156-5 ng/ml.

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 31

## Molecular Mass

The recombinant human PVRL1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 545 amino acids and predicts a molecular mass of 61 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPVRL1/Fc monomer is approximately 75-85 kDa due to glycosylation.

## Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

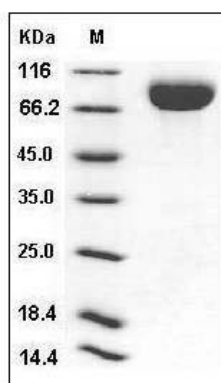
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human CD111 / Nectin-1 / PVRL1 Protein (Fc Tag)  
SDS-PAGE