

## General Information

### Gene Name Synonym

Protein PVR

### Protein Construction

A DNA sequence encoding the extracellular domain of rat PVR (NP\_058772.2) (Met 1-Gly 352) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized rat CD155 at 20 µg/ml (100 µl/well) can bind mouse CD226 with a linear range of 6.4-160 ng/ml.

### Purity

> 97 % 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

Glu 34

### Molecular Mass

The recombinant rat PVR comprises 330 amino acids and predicts a molecular mass of 35.8 kDa. As a result of glycosylation, the apparent molecular mass of the rat PVR is approximately 55-65 kDa in SDS-PAGE under reducing conditions.

### 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

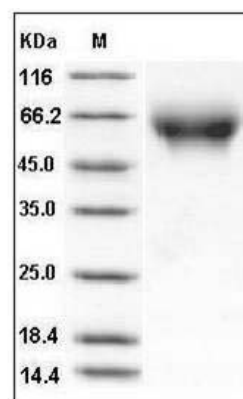
### Storage

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



Rat CD155 / PVR / NECL5 Protein (His Tag) SDS-PAGE