

## General Information

### Gene Name Synonym

Poliovirus receptor; Tage4 receptor

### Protein Construction

A DNA sequence encoding the mouse CD155 (NP\_081790.1) precursor (Met 1-Arg 345) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind recombinant mouse CD226/DNAM-1. Immobilized recombinant mouse CD155/PVR at 1 µg/ml (100 µl/well) can bind recombinant mouse CD226/DNAM-1 with a linear range of 0.78-100 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

Gly 28

### Molecular Mass

The secreted recombinant mouse CD155 generated after removal of the signal peptide comprises 329 amino acids with a predicted molecular mass of 28 kDa. As a result of glycosylation, it migrates as an approximately 60-65 kDa band 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

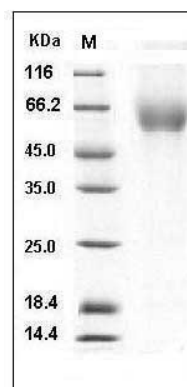
### Storage

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



Mouse CD155 / PVR Protein (His Tag) SDS-PAGE