

## General Information

### Protein Construction

The mature form of the extracellular domain (Met 1-Asn 343) of human CD155 (NP\_006496.3) was expressed and purified, with additional five amino acids (DDDDK) at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measure by its ability to bind with recombinant human DNAM1 / CD226.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Leu 18

### Molecular Mass

The recombinant human CD155 is a monomeric

protein after proteolytic removal of the signal peptide. It consists of 329 amino acids and predicts a molecular mass of 35.7 kDa. As a result of glycosylation, the apparent molecular mass of rhCD155 is approximately 55-60 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0

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

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

## Usage Guide

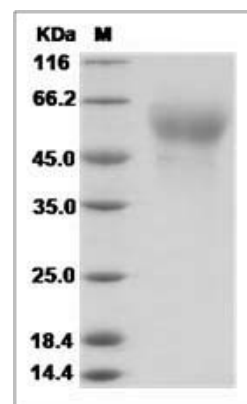
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CD155 / PVR / NECL5 Protein SDS-PAGE