

# Human CD31/PECAM-1 recombinant protein



Catalog Number: 503761

## General Information

### Gene Name Synonym

EndoCAM; GPIIA'; PECA1

### Protein Construction

The mature form of human CD31 (EAW94208.1) extracellular domain (Met1-Lys 601) with five additional amino acids (DDDDK) at the C-terminus was expressed and purified.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### 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

Gln 28

### Molecular Mass

The recombinant human CD31 consists of 580 amino acids and has a predicted molecular mass of 65.1 kDa. As a result of glycosylation, the molecular mass of rhCD31 is approximately 115 kDa in SDS-PAGE.

### Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

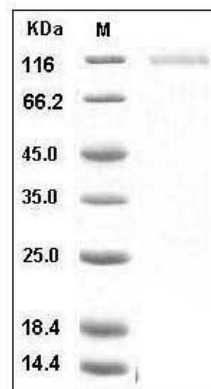
### Storage

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 CD31 / PECAM1 Protein SDS-PAGE