

# Human CD147/EMMPRIN (Fc Tag) recombinant protein



Catalog Number: 503552

## General Information

### Gene Name Synonym

5F7; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; Leukocyte activation antigen M6; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-His 205) of human CD147 (NP\_940991.1) precursor was expressed with the fused Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE and SEC-HPLC Analysis.

### 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

Ala 22

### Molecular Mass

The recombinant mature human CD147/Fc chimera protein consists of 422 amino acids and has a calculated molecular mass of 46.8 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 58-65 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

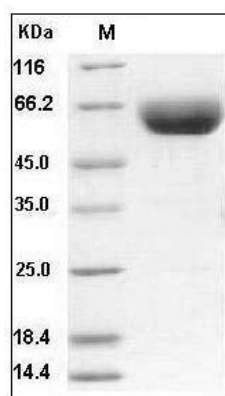
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  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 CD147 / EMMPRIN / Basigin Protein (Fc Tag) SDS-PAGE