

Human CD147/EMMPRIN (His Tag) recombinant protein



Catalog Number: 504092

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 polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

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

Ala 22

Molecular Mass

The recombinant mature human CD147 consists of 195 amino acids and has a calculated molecular mass of 21.6 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 30-40 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

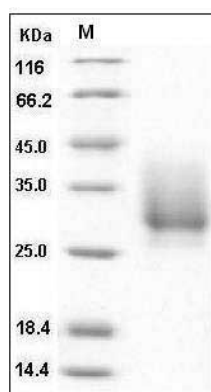
Storage

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



Human CD147 / EMMPRIN / Basigin Protein (His Tag) SDS-PAGE