

Human CD146/MCAM (Fc Tag) recombinant protein



Catalog Number: 504039

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Gly 559) of human CD146 precursor (NP_006491.2) was expressed with the C-terminal fused Fc region of human IgG1.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Val 24

Molecular Mass

The recombinant CD146/Fc chimera comprises 774 amino acids and predicts a molecular mass of 86.4 kDa. As a result of glycosylation, the

recombinant protein migrates as an approximately 120-130 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

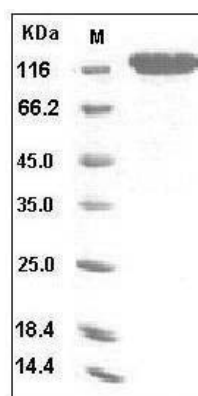
Store it under sterile conditions at -20°C to -80°C .

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 CD146 / MCAM Protein (Fc Tag) SDS-PAGE