

Human CEACAM5/CD66e (His Tag) recombinant protein



Catalog Number: 504576

General Information

Protein Construction

A DNA sequence encoding the mature form of human CEACAM5 (NP_004354.2) (Met 1-Ala 685) was fused with a polyhistidine tag at the C-terminus.

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

Lys 35

Molecular Mass

The secreted recombinant human CEACAM5 consists of 662 amino acids and has a predicted molecular mass of 72.8 kDa. In SDS-PAGE under

reducing conditions, the apparent molecular mass of rhCEACAM5 is approximately 100-110 kDa due to glycosylation.

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

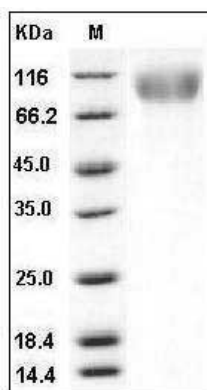
Storage

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 CEACAM5 / CD66e Protein (His Tag) SDS-PAGE