

Human CEACAM3/CD66d (His Tag) recombinant protein



Catalog Number: 500020

General Information

Gene Name Synonym

Carcinoembryonic antigen CGM1

Protein Construction

A DNA sequence encoding the human CEACAM3 (NP_001806.2) extracellular domain (Met 1-Gly 155) was expressed, 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 μ 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°C

Predicted N terminal

Lys 35

Molecular Mass

The recombinant human CEACAM3 consists of

132 amino acids and predicts a molecular mass of 14.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCEACAM3 is approximately 18-23 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

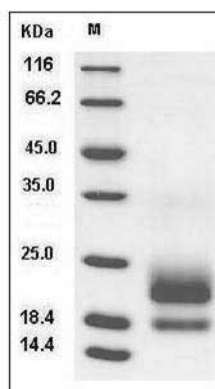
Storage

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 CEACAM3 / CD66d Protein (His Tag) SDS-PAGE