

Human CEACAM6/CD66c (His Tag) recombinant protein



Catalog Number: 504540

General Information

Protein Construction

A DNA sequence encoding the human CEACAM6 (NP_002474.3) (Met 1-Gly 320) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human CEACAM6-his (Cat:504540) at 10 µg/mL (100 µl/well) can bind biotinylated human CEACAM8-his, The EC₅₀ of biotinylated human CEACAM8-his is 0.17 µg/mL.

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 CEACAM6 comprises 297 amino acids with a predicted molecular mass of 32.6 kDa. As a result of glycosylation, rh CEACAM6 migrates as an approximately 45-55 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

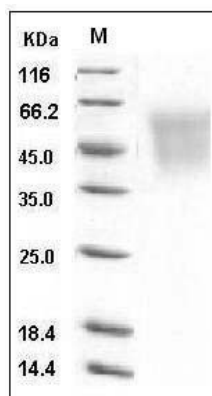
Storage

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 CEACAM6 / CD66c Protein (His Tag) SDS-PAGE