

Human CEACAM8/CD66b/CD67 (His Tag) recombinant protein



Catalog Number: 500519

General Information

Protein Construction

A DNA sequence encoding the human CEACAM8 (NP_001807.2) without the pro peptide (Met 1-Ser319) was expressed, with a polyhistidine tag at the C-terminus.

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

> 96 % 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

Gln 35

Molecular Mass

The recombinant human CEACAM8 consists of 296 amino acids and predicts a molecular mass of 32.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CEACAM8 is approximately 55-60 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

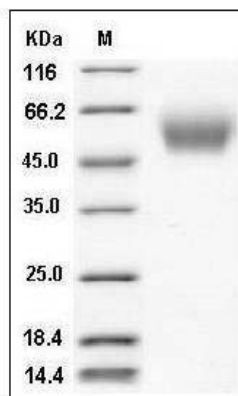
Storage

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 CEACAM8 / CD66b Protein (His Tag) SDS-PAGE