Human CEACAM1/CD66a (His & Fc Tag) recombinant protein

Catalog Number: 503236



General Information

Gene Name Synonym

Biliary glycoprotein 1

Protein Construction

A DNA sequence encoding the extracellular domain of human CEACAM1 (NP_001020083.1) (Met 1-Gly 428) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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 secreted recombinant human CEACAM1/Fc chimera is a disulfide-linked homodimer. The reduced monomer comprises 642 amino acids and predicts a molecular mass of 71 kDa.

Formulation

Lyophilized from sterile 100 mM Glycine, 500 mM NaCl, 5 % Glycerol, 50 mM Arg Hcl, 50 mM Glu, 0.01 % tween 20, pH 5.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

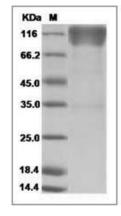
Storage

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



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