

# 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  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### 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

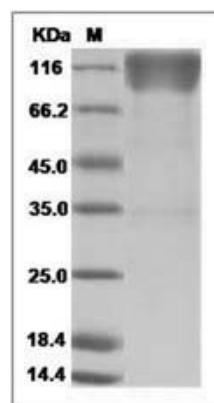
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CEACAM1 / CD66a Protein (His & Fc Tag)