# Human ICAM4 / CD242 (Fc Tag) recombinant protein

Catalog Number: 501674

## **General Information**

#### Gene Name Synonym

Landsteiner-Wiener blood group glycoprotein

## **Protein Construction**

A DNA sequence encoding the human ICAM4 (NP\_001034221.1) (Met1-Gly272) was expressed with the Fc region of human IgG1 at the C-terminus.

#### Organism

Human

## **Expression Host**

Human Cells

# **QC Testing**

## Purity

(50.3+36.1) % as determined by SDS-PAGE

## Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## Stability

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

## **Predicted N terminal**

Ala 23

#### **Molecular Mass**

The recombinant human ICAM4/Fc is a disulfidelinked homodimer. The reduced monomer comprises 491 amino acids and has a predicted molecular mass of 54.4 kDa. The apparent molecular mass of the protein is approximately 55 and 33 kDa 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**

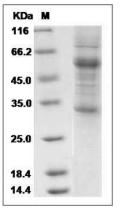
#### Storage

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 ICAM4 / CD242 Protein (Fc Tag) SDS-PAGE

