# Human PLAC9 / placenta-specific 9 (Fc Tag) recombinant protein

Catalog Number: 503002



# General Information

## **Protein Construction**

A DNA sequence encoding the huamn PLAC9 (Q5JTB6) (Met1-Phe97) was fused with Fc region of mouse IgG at the C-terminus.

### **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

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

#### **Stability**

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

## Predicted N terminal

Ala 23

#### Molecular Mass

The recombinant human PLAC9/Fc is a disulfide-linked homodimer. The reduced monomer comprises 309 amino acids and has a predicted molecular mass of 34.5 kDa. The apparent

molecular mass of the protein is approximately 37 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**

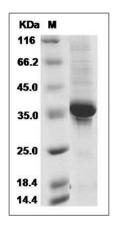
# **Storage**

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 PLAC9 / Placenta-specific 9 Protein (Fc Tag) SDS-PAGE