# Human GPA33 (His Tag) recombinant protein

Catalog Number: 501565



### **General Information**

#### Gene Name Synonym

Glycoprotein A33

#### **Protein Construction**

A DNA sequence encoding the extracellular domain of human GPA33 (Q99795-1) (Met 1-Val 235) was fused with a polyhistidine tag at the C-terminus.

### **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

### **Purity**

> 95 % 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 °C

# **Predicted N terminal**

Ile 22

#### **Molecular Mass**

The secreted recombinant human GPA33 consists

of 225 amino acids and has a predicted molecular mass of 25 kDa. The apparent molecular mass of the rhGPA33 is approximately 35-40 kDa in SDS-PAGE under reducing conditions 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**

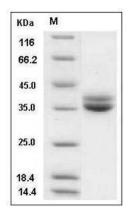
### **Storage**

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 GPA33 / Glycoprotein-A33 Protein (His Tag) SDS-PAGE