# Human RAMP3 (Fc Tag) recombinant protein

Catalog Number: 504737



### **General Information**

#### **Protein Construction**

A DNA sequence encoding the human RAMP3 (Met1-Val118) was expressed with the Fc region of human IgG1 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 $^{\circ}$ C

#### Predicted N terminal

Arg 24

#### **Molecular Mass**

The recombinant human RAMP3 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 336 amino acids and has a predicted molecular mass of 37.8 kDa. The apparent

molecular mass of the protein is approximately 28-31 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**

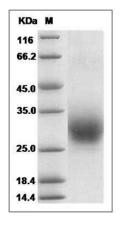
### **Storage**

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 RAMP3 Protein (Fc Tag) SDS-PAGE