

# Recombinant Mouse Apolipoprotein H/ApoH Protein

Catalog No.: RP01663 Recombinant

# **Sequence Information**

**Species Gene ID Swiss Prot**Mouse 11818 001339

Tags

C-6His

**Synonyms** 

B2GPI; beta2-GPI; beta-2-GPI; APOH

# **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

37.49 kDa 55-65 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu$ g of the protein by LAL method.

#### **Formulation**

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

# Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

# **Contact**

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# **Background**

Apolipoprotein (apo)H (also known as beta 2 glycoprotein-I) is a glycoprotein synthesized by liver cells and it is present in the blood associated with plasma lipoproteins. APOH displays a genetically determined structural polymorphism: three alleles (APOH\*1, APOH\*2, APOH\*3) at a single locus on chromosome 17 code for different isoforms, and population studies have shown that APOH\*2 is the most frequent allele.

## **Basic Information**

#### **Description**

Recombinant Mouse Apolipoprotein H/ApoH Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly20-Cys345) of mouse Apolipoprotein H/ApoH (Accession  $\#NP_038503.4$ ) fused with and a 6×His tag at the C-terminus.

## **Bio-Activity**

#### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

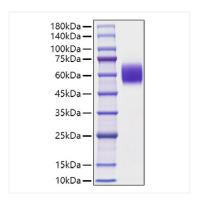
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

# **Validation Data**



Recombinant Mouse Apolipoprotein H/ApoH Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.