Recombinant Mouse Apolipoprotein H/ApoH Protein

Catalog No.: RP01663   `Recombinant`

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Sequence Information

Species	Gene ID	Swiss Prot
Mouse	11818	Q01339

Tags
C-6His

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

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

Storage
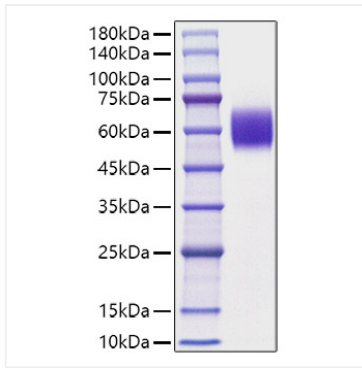Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Calculated MW	Observed MW
37.49 kDa	55-65 kDa

Endotoxin
<0.1EU/μg

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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Validation Data

Recombinant Mouse Apolipoprotein H/ApoH Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 53-60 kDa.