

General Information

Gene Name Synonym

APC inhibitor; Activated protein C-binding protein; Anticardiolipin cofactor; Apolipoprotein H; Beta-2-glycoprotein I

Protein Construction

A DNA sequence encoding the human APOH (NP_000033.2) (Met 1-Cys 345) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human APOH-his at 2 µg/mL (100 µl/well) can bind biotinylated human LDLR-his, The EC₅₀ of biotinylated human LDLR-his is 0.35 µg/mL.
3. Immobilized human APOH-his at 2 µg/mL (100 µl/well) can bind biotinylated mouse LDLR-his, The EC₅₀ of biotinylated mouse LDLR-his is 26 ng/mL.

Purity

> 96 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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

Gly 20

Molecular Mass

The recombinant human APOH consists of 337 amino acids and predicts a molecular mass of 37.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhAPOH is approximately 53 kDa due to different 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

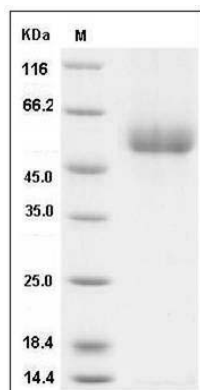
Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

Human Apolipoprotein H/APOH (His Tag)



Catalog Number: 501895



Human Apolipoprotein H / APOH Protein (His Tag)
SDS-PAGE