

Datasheet for ABIN7273857

APOH Protein (AA 20-345) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	APOH
Protein Characteristics:	AA 20-345
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOH protein is labelled with His tag.

Product Details

Purpose:	Human APOH Protein
Sequence:	Gly20-Cys345
Characteristics:	Recombinant Human APOH Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly20-Cys345.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human APOH, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-APOH Antibody, hFc Tag with the EC50 of 0.28µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	APOH
Alternative Name:	APOH (APOH Products)
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.
Molecular Weight:	37.4 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Tris-Bis PAGE result.
UniProt:	P02749

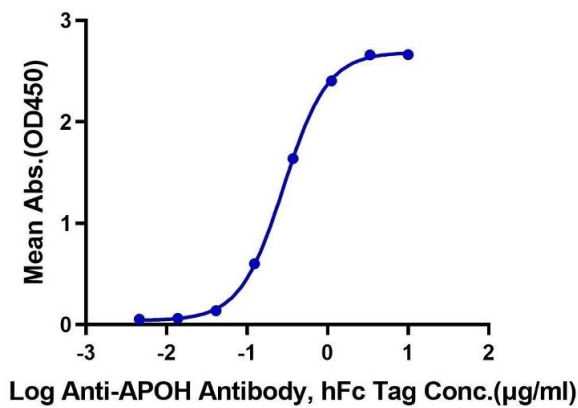
Application Details

Restrictions:	For Research Use only
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Handling

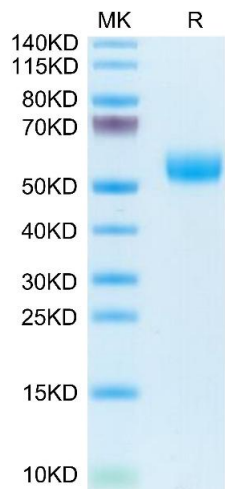
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Human APOH, His Tag ELISA
0.1µg Human APOH, His Tag Per Well



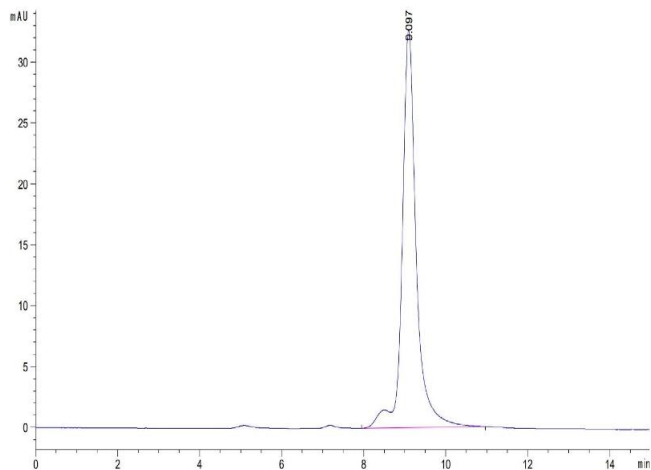
ELISA

Image 1. Immobilized Human APOH, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-APOH Antibody, hFc Tag with the EC50 of 0.28 µg/mL determined by ELISA.



SDS-PAGE

Image 2. Human APOH on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human APOH is greater than 95 % as determined by SEC-HPLC.