



[Go to Product page](#)

Datasheet for ABIN7273858

APOH Protein (AA 20-345) (His tag)

2 Images

Overview

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

Product Details

Purpose:	Mouse APOH Protein
Sequence:	Gly20-Cys345
Characteristics:	Recombinant Mouse 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.

Target Details

Target:	APOH
Alternative Name:	APOH (APOH Products)

Target Details

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: 37.7 kDa. Due to glycosylation, the protein migrates to 53-60 kDa based on Tris-Bis PAGE result.

UniProt: [Q01339](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

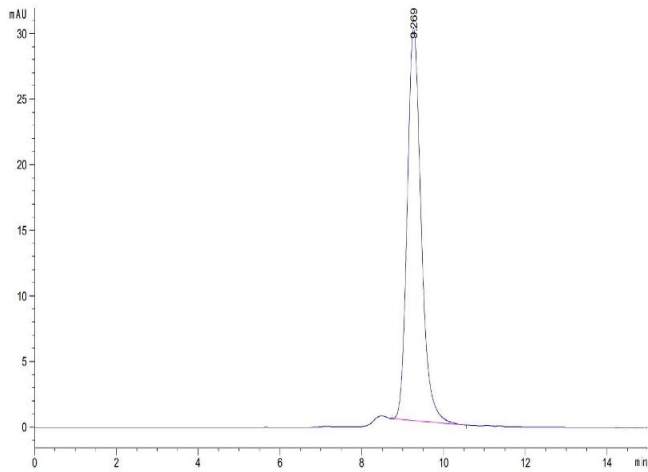
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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

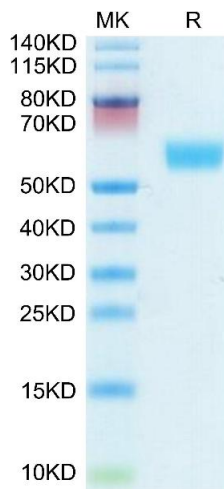
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse APOH is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

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