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Datasheet for ABIN7538136
APOH Protein (AA 20-345) (His tag)

Overview

Quantity:	50 µg
Target:	APOH
Protein Characteristics:	AA 20-345
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOH protein is labelled with His tag.

Product Details

Purpose:	Recombinant human APOH Protein with C-terminal 6xHis tag
Specificity:	APOH (Gly20-Cys345) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	APOH
Alternative Name:	APOH (APOH Products)
Background:	Apolipoprotein H, also known as beta-2-glycoprotein I, is a component of circulating plasma

Target Details

lipoproteins. It has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, hemostasis, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome (APS). The anti-beta (2) glycoprotein I antibodies from APS patients, mediate inhibition of activated protein C which has anticoagulant properties. Because beta-2-GPI is the main autoantigen in patients with APS, the disruption of this pathway by autoantibodies may be an important mechanism for thrombosis in patients with APS.[provided by RefSeq, Dec 2019]

Molecular Weight: predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of APOH-His is 35-70 kDa due to glycosylation.

UniProt: [P02749](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months