

Apolipoprotein H/APOH Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700660
Synonyms:	Apo-H; B2GP1; B2G1; APOH; B2GPI; beta(2)GPI; BG; β (2)GPI;
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_045230479.1 (G20-C345)
Gene ID:	102134518
Molecular Weight:	50-65 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus APOH, His Tag at 1 μ g/mL (100 μ l/well) on the plate. Dose response curve for Anti-APOH Antibody, hFc Tag with the EC ₅₀ of \leq 65 ng/mL determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, 100mM Arginine, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Apolipoprotein H/APOH protein exhibits versatile functionality as it binds to various negatively charged substances, including heparin, phospholipids, and dextran sulfate. Its interactions with these substances suggest a broad spectrum of molecular engagements, highlighting its adaptability. Notably, Apolipoprotein H/APOH may play a crucial role in preventing the activation of the intrinsic blood coagulation cascade by specifically binding to phospholipids present on the surface of damaged cells. This functionality underscores its potential contribution to the regulation of coagulation processes and its importance in maintaining hemostatic balance in response to cellular damage.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA