Apolipoprotein H/APOH Protein, Mouse (HEK293, C-His)

Cat. No.:	HY-P7534A
Synonyms:	rMuApolipoprotein H, His; ApoH; B2G1; B2GP1; Apolipoprotein H
Species:	Mouse
Source:	HEK293
Accession:	Q01339 (G20-C345)
Gene ID:	11818
Molecular Weight:	55-75 kDa

PROPERTIES

AA Sequence	G R I C P K P D D L P F A T V V P L K T S Y D P G E Q I V Y S C K P G Y V S R G G M R R F T C P L T G M W P I N T L R C V P R V C P F A G I L E N G I V R Y T S F E Y P K N I S F A C N P G F F L N G T S S S K C T E E G K W S P D I P A C A R I T C P P P P V P K F A L L K D Y R P S A G N N S L Y Q D T V V F K C L P H F A M I G N D T V M C T E Q G N W T R L P E C L E V K C P F P P R P E N G Y V N Y P A K P V L L Y K D K A T F G C H E T Y K L D G P E E A E C T K T G T W S F L P T C R E S C K L P V K K A T V L Y Q G M R V K I Q E Q F K N G M M H G D K I H F Y C K N K E K K C S Y T V E A H C R D G T I E I P S C F K E H S S L A F W K T D A S E L T P C
Biological Activity	Measured in a cell proliferation assay usingJurkathuman T-lymphocyte leukemia cells. The ED_{50} this effect is 0.9606 μg/mL, corresponding to a specific activity is 1.041×10^3 units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCl, 300 mM NaCl or PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	Apolipoprotein H/APOH protein is known for its ability to bind to negatively charged substances including heparin, phospholipids, and dextran sulfate. It is believed to play a role in preventing the activation of the intrinsic blood coagulation cascade by interacting with phospholipids found on the surface of damaged cells.

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

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