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**Product Data Sheet**


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Product Name: APOH  
 Cat. No.: GP20059  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Beta-2-glycoprotein 1; APC inhibitor; Activated protein C-binding protein; Anticardiolipin cofactor; Apolipoprotein H; Apo-H; Beta-2-glycoprotein I; B2GPI; Beta(2)GPI; APOH; B2G1; BG; B2GP1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSGRTPCKP DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV SRGGMRKFIC PLTGLWPINT LKCTPRVCPF AGILENGAVR YTTFEYPNTI SFSCNTGFYL NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY KPSAGNNSLY RDTAVFECLP QHAMFGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD GYSLDGPEEI ECTKLGNWSA MPSCKASCKV PVKKATVVYQ GERVKIQEKF KNGMLHGDVKV SFFCKNKEKK CSYTEDAQCI DGTIEVPKCF KEHSSLAFWK TDASDVKPC.		
Formulation	APOH protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M urea and 10% glycerol.		

**Introduction**

Apolipoprotein H (APOH) attaches to numerous kinds of negatively charged substances for instance phospholipids, and dextran sulfate. APOH prevents activation of the intrinsic blood coagulation cascade by attaching to phospholipids on the surface of damaged cells. APOH expressed by the liver and secreted in the plasma.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

APOH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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chain containing 349 amino acids (20-345 a.a.) and having a molecular mass of 38.6kDa. APOH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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