

## APOH Human

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

**Catalog #:**CYPS-196

For research use only.

**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.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MSGRTPCKP DDLPFSTVVP  
LKTFYEPGEE ITYSCKPGYV SRGGMRKFC PLTGLWPINT LKCTPRVCPF AGILENGAVR  
YTTFEYPNTI SFCSCNTGFYL NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY  
KPSAGNNSLY RDTAVFECLP QHAMFGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV  
NYPKPTLYY KD

**Purity:**Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

APOH protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M urea and 10% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Apolipoprotein H (APOH) attaches to numerous kinds of negatively charged substances for instance heparin, 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.

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