

32-1057: APOH Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 10 µg

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

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

Storage condition : 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.

Amino Acid : MGSSHHHHH SSGLVPRGSH MGSGRTCPKP 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 GERVKIQEF KNGMLHGDKV SFFCKNKEKK CSYTDAQCI DGTIEVPKCF KEHSSLAFWK TDASDVKPC.

