

**APOH, 20-345aa, Human, His tag, E.coli**

**Cat.NO.: TP01196**

3th Edition

**Synonyms:** Beta-2-glycoprotein 1, Apolipoprotein H, B2G1, B2GP1, BG

**Description:** Apolipoprotein H, also known as APOH, binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. This protein may prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol

**Molecular Weight:** 38.6 kDa (349aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSGRTCPKPDDLFPSTVVPLKTFYEPGEEITYSCKPGYVSRGGMRKFICPLTGL  
WPINTLKCTPRVCPFAGILENGAVRYTTFEYPNTISFSCNTGFYLNAGDSAKCTEKGWSPPELVCAPICPPPSIPT  
FATLRVYKPSAGNNSLYRDTAVFECLPQHAFMGNDTITCTTHGNWTKLPECREVKCPFPSRPDNGFVNYPKPTL  
YYKDKATFGCHDGYSLDGPPEIECTKLGNEWSAMPSCKASCKVPVKKATVVYQGERVKIQEKFKNGMLHGDKVSFF  
CKNKEKKCSYTEDAQCIDGTIEVPKCFKEHSSLAFWKTDASDVKPC

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.