

Product information



APOH, 20-345aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1832

Full name: Beta-2-glycoprotein 1

NCBI Accession No.: NP_000033

Synonyms: Apolipoprotein H , B2G1, B2GP1, BG

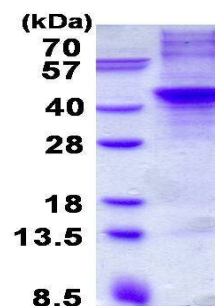
Description: Apolipoprotein H, also known as APOH, binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. This protein may prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells. Recombinant human APOH protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

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

Molecular Weight: 38.6 kDa (349aa)

Purity: > 85% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSGRTCPKP DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV SRGGMRKFIC PLTGLWPINT LKCTPRVCPF
AGILENGAVR YTTFEYPNTI SFSCNTGFYL NGADSAKCTE EGKWSPELPV CAPICPPPS IPTFATLRVY KPSAGNNSLY RDTAVFECLP
QHAMEGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD GYSLDGPEEI ECTKLGNWSA MPSCKASCKV
PVKKATVVYQ GERVKIQEKF KNGLMHGDKV SFFCKNKEKK CSYTEDAQC DGTIEVPKCF KEHSSLAFWK TDASDVKPC

General references:

Steinkasserer A., *et al.* (1993) *Hum. Genet.* 91:401-402

Schwarzenbacher R., *et al.* (1999) *EMBO J.* 18:6228-6239

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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