

Product information

APOH, 20-345aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3492

Full name: Beta-2-glycoprotein 1

NCBI Accession No.: NP_000033

Synonyms: APOH, BG, B2G1, B2GP1, Apolipoprotein H

Description APOH, also known as Beta-2-glycoprotein 1, is a glycosylated member of the complement control superfamily of proteins. 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. It has a complex involvement in agglutination, it appears to alter Adenosine diphosphate (ADP) mediated agglutination of platelets. Recombinant human APOH protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

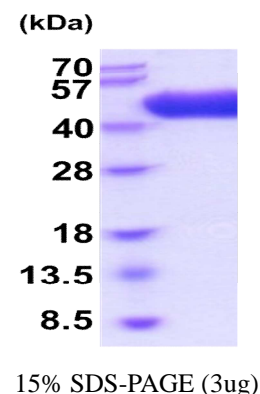
Molecular Weight: 37.3kDa (335aa)
40-57KDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Ala

Purity: > 95% by SDS-PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

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



Sequences of amino acids:

ADPGRTCPKP DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV SRGGMRKFI C PLTGLWP INT LKCTPRVCPF AGILENGAVR YTTFEYPNT I
SFSCNTGFYL NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY KPSAGNNSLY RDTAVFECLP QHAMFGNDT I TCTTHGNWTK
LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD GYSLDGPEE I ECTKLGNSWA MPSCKASCKV PVKKATVVYQ GERVKIQEKF
KNGMLHGDKV SFFCKNKEKK CSYTEDAQC I DGTIEVPKCF KEHSSLAFWK TDASDVKPC HHHHH

General references:

About F. *et al.*, (2015) *PLoS One*. 10:e0145105.

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



Manufactured for:

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Product information

Laird ME. *et al.*, (2014) *J Hepatol.* 61:770-776.

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.

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