

AR50656PU-S

Human Apolipoprotein H / Apo H (20-345, His-tag) - Purified

Alternate names:

APC Inhibitor, Anticardiolipin Cofactor, Apo-H, ApoH, B2G1, B2GPI, Beta-2-glycoprotein I, Beta2GPI

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[P02749](#)

NCBI:

[NP_000033](#)

GeneID:

[350](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol

Description:

Recombinant human APOH protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MSGRTCPKP DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV
SRGGMRFIC PLTGLWPINT LKCTPRVCPF AGILENGAVR YTTFEYPNTI SFSCNTGFYL
NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY KPSAGNNSLY RDTAVFECLP
QHAFMGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD
GYSLDGPPEI ECTKLGNWSA MPCKASCKV PVKKATVVYQ GERVKIQEKF KNGMLHGDVK
SFFCKNKEKK CSYTEDAQCI DGTIEVPKCF KEHSSLAFWK TDASDVKPC

Molecular weight: 38.6 kDa (349aa)

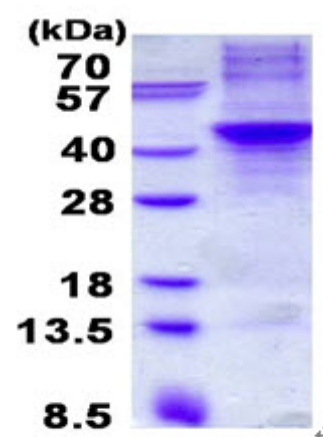
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Steinkasserer A., et al. (1993) Hum. Genet. 91:401-402
Schwarzenbacher R., et al. (1999) EMBO J. 18:6228-6239

Pictures:



15% SDS-PAGE (3ug)