

Recombinant human Apolipoprotein H/APOH protein

Catalog Number: ATGP1832

PRODUCT INFORMATION

Expression system

E.coli

Domain

20-345aa

UniProt No.

P02749

NCBI Accession No.

NP_000033

Alternative Names

Beta-2-glycoprotein 1, Apolipoprotein H, B2G1, B2GP1, BG

PRODUCT SPECIFICATION

Molecular Weight

38.6 kDa (349aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MSGRTPCPK DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV SRGGMRKFIC PLTGLWPINT

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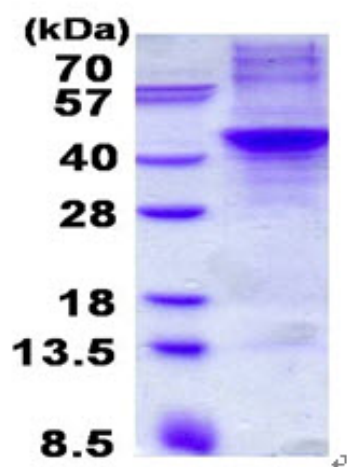
LKCTPRVCPF AGILENGAVR YTTFEYPNTI SFSCNTGFYL NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY
KPSAGNNSLY RDTAVFECLP QHAMFGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD
GYSLDGPEEI ECTKLGNWSA MPSCKASCKV PVKKATVVYQ GERVKIQEF KNGMLHGDKV SFFCKNKEKK CSYTEDAQCI
DGTIEVPKCF KEHSSLAFWK TDASDVKPC

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)