Datasheet for ABIN5854770

APOH Protein (AA 20-345) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	APOH
Protein Characteristics:	AA 20-345
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOH protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPGRTCPKP DDLPFSTVVP LKTFYEPGEE ITYSCKPGYV SRGGMRKFIC PLTGLWPINT LKCTPRVCPF AGILENGAVR YTTFEYPNTI SFSCNTGFYL NGADSAKCTE EGKWSPELPV CAPIICPPPS IPTFATLRVY KPSAGNNSLY RDTAVFECLP QHAMFGNDTI TCTTHGNWTK LPECREVKCP FPSRPDNGFV NYPAKPTLYY KDKATFGCHD GYSLDGPEEI ECTKLGNWSA MPSCKASCKV PVKKATVVYQ GERVKIQEKF KNGMLHGDKV SFFCKNKEKK CSYTEDAQCI DGTIEVPKCF KEHSSLAFWK TDASDVKPCH HHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	APOH

Target Details

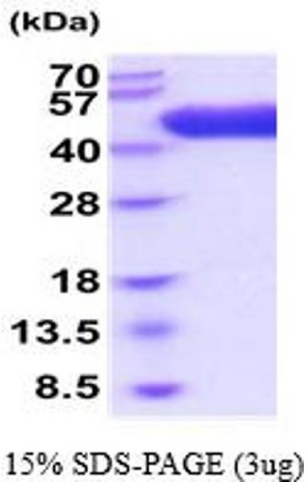
Alternative Name:	APOH (APOH Products)
Background:	APOH, also known as Beta-2-glycoprotein 1, is a glycosylated member of the complement control superfamily of proteins. APOH binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. This protein may 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.
Molecular Weight:	37.3kDa (335aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_000033
UniProt:	P02749

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.