

## Native Human APOH protein

Cat. No. APOH-4217H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human APOH was purified from Human plasma.
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	Apolipoprotein H (APOH) attaches to numerous kinds of negatively charged substances for instance heparin, phospholipids, and dextran sulfate. APOH prevents activation of the intrinsic blood coagulation cascade by attaching to phospholipids on the surface of damaged cells. APOH expressed by the liver and secreted in the plasma.
<b>Form</b>	Lyophilized from 0.02M NH <sub>4</sub> HCO <sub>3</sub> .
<b>Molecular Mass</b>	50kDa
<b>Purity</b>	Greater than 96.0%.
<b>Notes</b>	Starting material tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.
<b>Storage</b>	Human APOH although stable at room temperature for 3 weeks, should be stored between 2-8 centigrade.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized APOH in phosphate buffer, pH >7.0

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containing 0.15M NaCl.

## GENE INFORMATION

<b>Gene Name</b>	APOH apolipoprotein H (beta-2-glycoprotein I) [ Homo sapiens ]
<b>Official Symbol</b>	APOH
<b>Synonyms</b>	APOH; apolipoprotein H (beta-2-glycoprotein I); B2G1; beta-2-glycoprotein 1; beta 2 glycoprotein I; BG; B2GPI; apo-H; beta(2)GPI; APC inhibitor; antidiolipin cofactor; activated protein C-binding protein; B2GP1;
<b>Gene ID</b>	350
<b>mRNA Refseq</b>	NM_000042
<b>Protein Refseq</b>	NP_000033
<b>MIM</b>	138700
<b>UniProt ID</b>	P02749
<b>Chromosome Location</b>	17q23-qter
<b>Function</b>	eukaryotic cell surface binding; glycoprotein binding; heparin binding; lipid binding; lipoprotein lipase activator activity; phospholipid binding; protein binding;

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