

# Native Human Apolipoprotein H (beta-2-glycoprotein I)

**Cat. No.** APOH-5365H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Native human APOH was expressed in Human plasma.
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	APOH, also known as beta2Glycoprotein-1 (B2GP-1) is a plasma glycoprotein that circulates at a concentration of 200 ug/mL (4mM). B2GP-1 has been identified as a constituent of chylomicrons, very low density lipoproteins and high density lipoproteins in Human plasma. It has also been demonstrated to bind phospholipids, heparin and platelets where it can modulate the activity of adenylate (19 percent). Although the precise functions are as yet unknown, B2GP-1 has been shown to interfere with blood coagulation by competitively binding to phospholipids exposed during cell activation or damage.
<b>Form</b>	Liquid in 0.02M Tris-HCl + 0.3M NaCl, pH 7.3.
<b>Molecular Mass</b>	48000
<b>Purity</b>	≥95% by SDS-PAGE analysis
<b>Storage</b>	When stored at -80°C product is stable for 3 years from date of delivery. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	1.0 mg/ml

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## 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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