

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

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

SPECIFICATION

Product Overview	Native human APOH was expressed in Human plasma.
Species	Human
Source	Human Plasma
Description	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.
Form	Liquid in 0.02M Tris-HCl + 0.3M NaCl, pH 7.3.
Molecular Mass	48000
Purity	≥95% by SDS-PAGE analysis
Storage	When stored at -80°C product is stable for 3 years from date of delivery. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml

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GENE INFORMATION

Gene Name	APOH apolipoprotein H (beta-2-glycoprotein I) [Homo sapiens]
Official Symbol	APOH
Synonyms	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;
Gene ID	350
mRNA Refseq	NM_000042
Protein Refseq	NP_000033
MIM	138700
UniProt ID	P02749
Chromosome Location	17q23-qter
Function	eukaryotic cell surface binding; glycoprotein binding; heparin binding; lipid binding; lipoprotein lipase activator activity; phospholipid binding; protein binding;

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