

Recombinant Human APOH, FITC-tagged

Cat. No. APOH-101H Lot. No. (See product label)

SPECIFICATION

Product Overview ApoH is a ≈50 kDa glycosylated plasmatic protein of human origin, also known as Beta-2 glycoprotein 1 (B2GPI). ApoH is conjugated to fluorescein isothiocyanate (FITC) for fluorescent applications.

Species Human

Description Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections.

Molecular Mass ≈50 kDa

Purity Protein is >95% pure as defined by SDS-PAGE.

Storage ApoH-FITC protein remains stable at -20°C until the expiration date. ApoH-FITC protein may travel at 2-8°C without altering its function; freeze upon reception.

Concentration ≈1 mg/mL

Storage Buffer PBS

Conjugation FITC

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GENE INFORMATION

Gene Name	APOH apolipoprotein H (beta-2-glycoprotein I) [Homo sapiens(human)]
Official Symbol	APOH
Synonyms	APOH; BG; B2G1; B2GP1; apolipoprotein H (beta-2-glycoprotein I); beta-2-glycoprotein 1; B2GPI; apo-H; beta(2)GPI; APC inhibitor; anticardiolipin cofactor; activated protein C-binding protein
Gene ID	350
mRNA Refseq	NM_000042
Protein Refseq	NP_000033
MIM	138700
UniProt ID	P02749
Chromosome Location	17q24.2
Function	eukaryotic cell surface binding; glycoprotein binding; lipoprotein lipase activator activity

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