

Recombinant Human APOH, GST-tagged

Cat. No. APOH-9765H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human APOH protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 20-345a.a. |
| 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. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

Gene Name APOH apolipoprotein H (beta-2-glycoprotein I) [Homo sapiens]

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| 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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