

32-3277: APOH Native Protein

Alternative Name Beta-2-glycoprotein 1, Beta-2-glycoprotein I, Apolipoprotein H, Apo-H, B2GPI, Beta(2)GPI, Activated protein C-binding protein, APC inhibitor, Anticardiolipin cofactor, APOH, B2G1, BG, B2GP-1, B2 Glycoprotein-I.

Description

Source : Human Plasma. Human APOH produced in Human Plasma having a molecular mass of 50kDa and pI of 5.6-6.4. It's a major phospholipid binding protein and an important component to measure in the assessment of anti-phospholipid syndrome. APOH is also more specific than anti-cardiolipin antibodies and its presence correlates better with thrombotic risk. 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.

Product Info

Amount : 1 mg
Purification : Greater than 96.0%.
Content : Lyophilized from 0.02M NH₄HCO₃.
Storage condition : Human APOH although stable at room temperature for 3 weeks, should be stored between 2-8°C.

Application Note

It is recommended to reconstitute the lyophilized APOH in phosphate buffer, pH >7.0 containing 0.15M NaCl.