

## 32-18324: Human APOH Protein, His Tag

**Uniprot ID :** P02749  
**Alternative Name :** BG;B2G1;B2GP1

### Description

**Description :** Recombinant human APOH Protein with C-terminal 6 $\times$ His tag

**Background :** Apolipoprotein H, also known as beta-2-glycoprotein I, is a component of circulating plasma lipoproteins. It has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, hemostasis, 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 (APS). The anti-beta (2) glycoprotein I antibodies from APS patients, mediate inhibition of activated protein C which has anticoagulant properties. Because beta-2-GPI is the main autoantigen in patients with APS, the disruption of this pathway by autoantibodies may be an important mechanism for thrombosis in patients with APS.

**Molecular Characterization:** mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of APOH-His is approximately 35-70 kDa due to glycosylation.

**Tag :** C-6 $\times$ His Tag

### Product Info

**Amount :** 50  $\mu$ g / 100  $\mu$ g  
**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.  
**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.  
**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

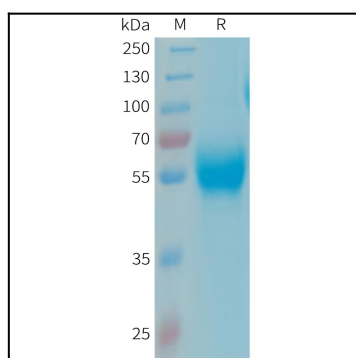


Figure 1. Human APOH Protein, His Tag on SDS-PAGE under reducing condition.