Recombinant Human Apolipoprotein H/ApoH Protein (His Tag)

Catalog No. PKSH032087

Note: Centrifuge before opening to ensure complete recovery of vial contents.

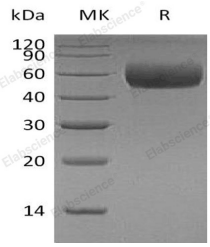
Description

Synonyms	Beta-2-Glycoprotein 1;APC inhibitor;Activated Protein C-Binding Protein;Anticardiolipin Cofactor;Apolipoprotein H;Apo-H;Beta-2-Glycoprotein I;B2GPIBeta(2)GPI;APOH;B2G1;B2GP1;BG
Species	Human
Expression Host	HEK293 Cells
Sequence	Gly20-Ser345
Accession	P02749
Calculated Molecular Weight	37.3 kDa
Observed molecular weight	45-70 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

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Apolipoprotein H (ApoH) is a 50 kDa variably glycosylated member of the complement control superfamily of proteins. Human ApoH is a major phospholipid binding protein and an important component to measure in the assessment of anti-phospholipid syndrome. Hepatocyte-derived ApoH binds to negatively charged phospholipids . It circulates as a component of lipoprotein particles and as a lipid-free serum protein. Human ApoH is also more specific than anti-cardiolipin antibodies and its presence correlates better with thrombotic risk. Mature human ApoH shares 76% and 82% aa sequence identity with mouse and rat ApoH.

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