Recombinant Human Apolipoprotein H/ApoH Protein (His Tag)

Catalog Number: PKSH032087

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

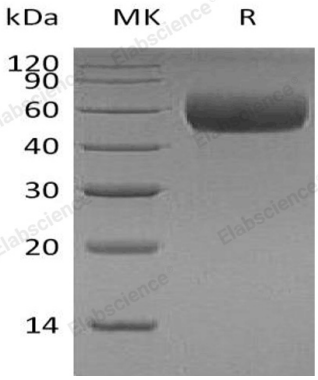
Description

Species	Human
Source	HEK293 Cells-derived Human Apolipoprotein H;ApoH protein Gly20-Ser345, with an C-terminal His
Calculated MW	37.3 kDa
Observed MW	45-70 kDa
Accession	P02749
Bio-activity	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



> 95 % as determined by reducing SDS-PAGE.

Background

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.