

Recombinant Mouse Apolipoprotein H/ApoH Protein (His Tag)

Catalog No. PKSM041358

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

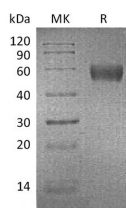
Description

Synonyms	Beta-2-glycoprotein 1;ApoH;B2G1;B2GP1
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gly20-Cys345
Accession	Q01339
Calculated Molecular Weight	37.7 kDa
Observed molecular weight	50-62 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°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C 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 PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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), also known as Beta-2-glycoprotein 1, is a glycoprotein synthesized by liver cells and it is present in the blood associated with plasma lipoproteins. Its carbohydrate content is approximately 19% of the molecular

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weight and it is present in the blood associated with plasma lipoproteins. Mature mouse ApoH shares 76% and 42% aa sequence identity with human and rat ApoH, respectively. The activity of APOH appears to involve the binding of agglutenating, inhibits agglutination, and negatively charged compounds by the contact activation of the intrinsic blood coagulation pathway. APOH is found be involved in the activation of lipoprotein lipase in lipid metabolism on several classes of lipoproteins.