

## Recombinant Mouse Apolipoprotein H/ApoH Protein (His Tag)

Catalog No. PKSM041358

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

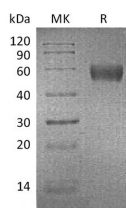
### Description

<b>Synonyms</b>	Beta-2-glycoprotein 1;ApoH;B2G1;B2GP1
<b>Species</b>	Mouse
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Gly20-Cys345
<b>Accession</b>	Q01339
<b>Calculated Molecular Weight</b>	37.7 kDa
<b>Observed molecular weight</b>	50-62 kDa
<b>Tag</b>	C-His
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	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.