

Mouse ApoA1 (His Tag) recombinant protein



Catalog Number: 503955

General Information

Gene Name Synonym

Apolipoprotein A1; Proapolipoprotein A-I;
Truncated apolipoprotein A-I

Protein Construction

A DNA sequence encoding the mouse ApoA1 (Q00623) (Met1-Gln264) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 94 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Trp 19

Molecular Mass

The recombinant mouse ApoA1 comprises 257 amino acids and has a predicted molecular mass of 30.2 kDa. The apparent molecular mass of the protein is approximately 27-31 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

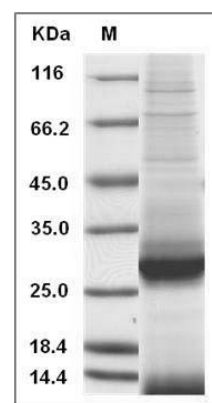
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse ApoA1 Protein (His Tag) SDS-PAGE