Recombinant Human Apolipoprotein B/APOB Protein

Catalog No.: RP02796LQ

Sequence Information

Species
Human

Gene ID
338

Swiss Prot
P04114

Tags
N-His

Synonyms
ApolipoproteinB-100; APOB

Product Information

Source
E. coli

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
13.5 kDa

Observed MW
16 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.22 μm filtered solution in 20mM Tris-HCl, 250mMNacl, 10% Glycerol, 2mMEDTA, pH8.0.

Reconstitution

Background

Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.

Basic Information

Description
Recombinant Human Apolipoprotein B/APOB Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Glu28-Ser127) of human Apolipoprotein B/APOB (Accession #NP_000375.2) fused with a 6×His tag at the N-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

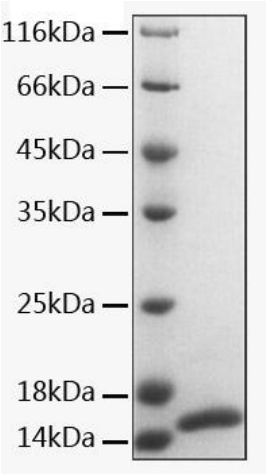
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human Apolipoprotein B/APOB Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.