

# Recombinant Human Apolipoprotein B/APOB Protein

Catalog No.: RP02796LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	338	P04114

### Tags

N-His

### Synonyms

ApolipoproteinB-100; APOB

## Product Information

Source	Purification
<i>E. coli</i>	> 90% by SDS-PAGE.

Calculated MW	Observed MW
13.5 kDa	16 kDa

### Endotoxin

<1EU/μg

### 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.

### Bio-Activity

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

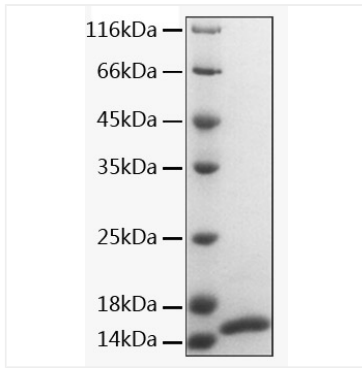
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## Validation Data

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Recombinant Human Apolipoprotein B/APOB Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 16 kDa.