

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.

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

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.

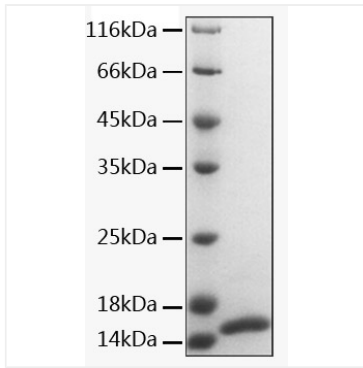
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Validation Data



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