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Recombinant

Background

Tags

Synonyms

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.

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

Source

Purification

≥ 90 % as determined by SDS-PAGE.

Storage

16 kDa

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ 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.

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

Supplied as a 0.22 μ m filtered solution in 20mM Tris-HCl, 250mM NaCl, 10% Glycerol, 2mMEDTA, pH8.0.

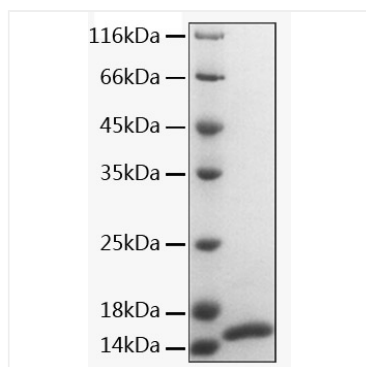
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Validation Data



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