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Recombinant Human Apolipoprotein E/ApoE (R154S) Protein

Catalog No.: RP00814LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	348	P02649

Tags
C-His

Synonyms
Apolipoprotein E; Apo-E;APOE

Product Information

Source	Purification
HEK293 cells	≥ 85 % as determined by SDS-PAGE.

Calculated MW	Observed MW
34.24 kDa	35-40 kDa

Endotoxin
< 0.01 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.22 μm filtered solution in 20mM Hepes,150mM NaCl,pH 7.4.Contact us for customized product form or formulation.

Reconstitution

Contact

400-999-6126

cn.market@abclonal.com.cn

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Background

This protein is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related apolipoprotein C1 and C2 genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants.

Basic Information

Description
Recombinant Human Apolipoprotein E/ApoE (R154S) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys19-His317) of Human Apolipoprotein E/ApoE (Accession #NP_000032.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃. 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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Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

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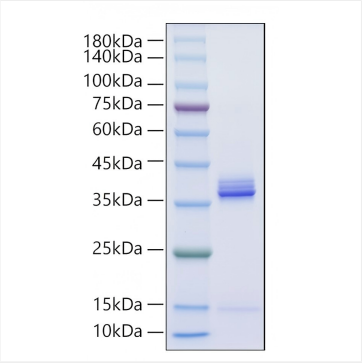
Validation Data



Recombinant Human Apolipoprotein E/ApoE (R154S) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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