Recombinant Human Apolipoprotein E/ApoE (R154S) Protein

Catalog No.: RP00814LQ

www.abclonal.com

Sequence Information

Species
Human

Gene ID
348

Swiss Prot
P02649

Tags
35-40 kDa

Synonyms
Apolipoprotein E, Apo-E,APOE

Product Information

Source
HEK293 cells

Purification
≥ 85 % as determined by SDS-PAGE.

Calculated MW
34.24 kDa

Observed MW
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

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.

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℃

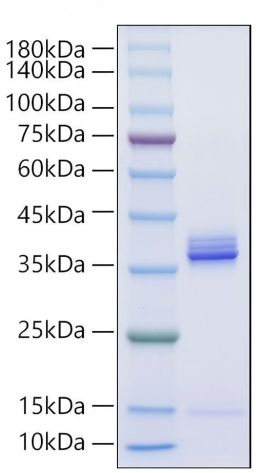
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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