

RP00306

Leader in Biomolecular Solutions for Life Science



# Recombinant Human Apolipoprotein E/ApoE Protein

Catalog No.: RP00306 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	348	P02649

**Tags**  
C-6×His

**Synonyms**  
APOE;AD2;APO-E;ApoE4;LDLCQ5;LPG;ApoE

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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

**Formulation**  
Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4. Contact us for customized product form or formulation.

**Reconstitution**  
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## 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 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Lys19-His317) of human Apolipoprotein E/ApoE (Accession #P02649) fused with a 6×His tag at the C-terminus.

## Bio-Activity

**Storage**  
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

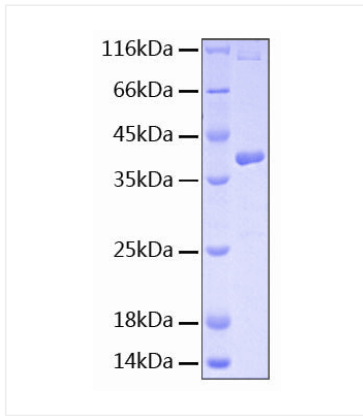
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

---



Recombinant protein Human Apolipoprotein E/ApoE was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 35 kDa.