

32-9138: Recombinant Human Apolipoprotein E/ ApoE (C-His, Expi293)

Alternative Name : AD2; LPG; APO-E; LDLQC5; apolipoprotein E; apolipoprotein E3

Description

Source : Human 293 Cells;

Apolipoprotein E (ApoE) is a glycoprotein that mainly functions in lipoprotein-mediated lipid transport between organs via the plasma and interstitial fluids. ApoE can be synthesized by the liver and intestinally synthesized chylomicrons. ApoE mediates high-affinity binding of chylomicrons and very low density lipoprotein (VLDL) particles to the LDL receptor, allowing for specific uptake of these particles by the liver, preventing the accumulation of cholesterol-rich particles in the plasma. ApoE plays an essential role in the formation of plasma lipoproteins and is involved in their production, conversion and clearance. ApoE is also a constituent of a subclass of high density of lipoproteins (HDL) involved in cholesterol transport.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 2µM PBS, 5mM CHAPS, 2mM DDT, pH7.4

Amino Acid : Recombinant Human Apolipoprotein E is produced by Human 293 Cells and the target gene encoding Lys19-His317 is expressed with a 6His tag at the C-terminus.