

APOE

Native Human Apolipoprotein E Affinity Purified

Catalog No.	CSI19618A CSI19618B	Quantity:	100 µg 200 µg
Alternate Names:	AI255918, APOEA, Apoe, MGC1571, LPG, AD2, LDLCQ5		
Description:	The Human Apolipoprotein E (APOE), is 299 amino acids long and transports lipoproteins, fat-soluble vitamins, and cholesterol into the lymph system and then into the blood. APOE is synthesized principally in the liver, but has also been found in other tissues such as the brain, kidneys, and spleen. In the nervous system, non-neuronal cell types, most notably astroglia and microglia, are the primary producers of APOE, while neurons preferentially express the receptors for APOE. Concentration in normal plasma is 5 mg/dL. APOE is involved with triglyceride, phospholipid, cholesteryl ester, and cholesterol transport in and out of cells and is a ligand for LDL receptors.		
Concentration:	0.6 mg/mL		
Gene ID:	348		
Source:	Human Plasma		
Molecular Weight:	34-37 kDa		
Formulation:	Liquid in 75mM PBS pH 7.4 + 75 mM NaCl + 0.5 mM EDTA + 0.02% Sodium Azide		
Purity:	>98% by SDS-PAGE		
Purification	APOE is isolated by ultracentrifugation from delipidized VLDL, followed by gel filtration. Other Apo-proteins removed by antibody Sepharose Affinity column.		
Storage & Stability:	Store at -20°C long-term. 1 year. Store at 2-8°C short-term. Avoid repeated freeze-thaw cycles.		

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