OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP724787

Apolipoprotein E (APOE) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Apolipoprotein E/ ApoE (C-His, Expi293)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys19-His317
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 2umM PBS, 5mM CHAPS, 2mM DDT, pH7.4
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	348
UniProt ID:	P02649
Summary:	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.

View online »