

Recombinant Human ApoE2 Protein

Cat. No. APOE-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ApoE2 Protein (1-162) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-162
Description	The protein encoded by this gene 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.
Form	Lyophilized
Molecular Mass	19093.70 Da
AA Sequence	MKVEQAVETEPEPELRQQTEWQSGQRWELALGRFWDYLRWVQTLSEQVQEELLS SQVTQELRALMDETMKELKAYKSELEEQLTPVAEETRARLSKELQAAQARLGADME DVCGRVLVQYRGEVQAMLGQSTEELRVRLASHLRKLRKLLRDADDLQKCLAVY
Purity	95% by Chromatography and SDS-PAGE

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Storage Store at -20 centigrade upon arrival.

Dilutions ApoE is soluble in PBS.

GENE INFORMATION

Gene Name APOE apolipoprotein E [Homo sapiens (human)]

Official Symbol APOE

Synonyms APOE; apolipoprotein E; AD2; LPG; APO-E; ApoE4; LDLCQ5; apolipoprotein E; apolipoprotein E3

Gene ID 348

mRNA Refseq NM_000041

Protein Refseq NP_000032

MIM 107741

UniProt ID P02649

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