

Active Recombinant Human APOE4 protein(C130R), His-Avi-tagged, Biotinylated

Cat. No. APOE4-2871H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human APOE protein(P02649-1 (C130R))(Lys 19-His 317), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-317 aa (C130R)
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	3e5 of HeLa cells were co-incubated with 50 nM Cy3-labeled LNPs-siRNA in the presence or absence of 1 µg/mL Biotinylated Human APOE4, His,Avitag, washed and analyzed with FACS. PE signal was used to evaluate the expression of Cy3+ HeLa cells.
Molecular Mass	The protein has a calculated MW of 37.9 kDa. The protein migrates as 36-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name APOE apolipoprotein E [Homo sapiens]

Official Symbol APOE

Synonyms APOE; apolipoprotein E; AD2; LPG; LDLQC5; MGC1571

Gene ID 348

mRNA Refseq NM_000041

Protein Refseq NP_000032

UniProt ID P02649

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