

Recombinant Human APOE protein, hFc-tagged

Cat. No. APOE-1405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOE protein(P02649)(Lys19-His317), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	N-hFc
ProteinLength	Lys19-His317
Tag	N-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	The affinity constant of 0.41 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 59.76 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name [APOE apolipoprotein E \[Homo sapiens \]](#)

Official Symbol [APOE](#)

Synonyms APOE; apolipoprotein E; AD2, Alzheimer disease 2 (APOE*E4 associated, late onset); apo-E; apolipoprotein E3; AD2; LPG; LDLCQ5; MGC1571;

Gene ID [348](#)

mRNA Refseq [NM_000041](#)

Protein Refseq [NP_000032](#)

UniProt ID [P02649](#)

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