

## Recombinant Human APOE protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APOE protein(P02649)(Lys19-His317), fused with N-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	N-hFc
<b>ProteinLength</b>	Lys19-His317
<b>Tag</b>	N-hFc
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	The affinity constant of 0.41 µM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE.
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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