

Recombinant Human APOE4 protein, hFc-tagged, Low Endotoxin

Cat. No. APOE4-2867H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOE4 protein(AAB59397.1)(Lys19-His317), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-317 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 2mM DTT, 5mM CHAPS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 61.6 kDa. Due to glycosylation, the protein migrates to 63-67 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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; LDLQC5; MGC1571;

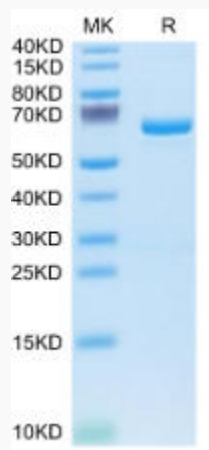
Gene ID 348

mRNA Refseq NM_000041

Protein Refseq NP_000032

UniProt ID P02649

Bis-Tris PAGE



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